

HP Networking

Pocket guide

2013



Table of contents

7	FlexNetwork diagram
8	Exceeding today's customer needs
9	A comprehensive networking portfolio
11	Data center/Core
12	HP FlexFabric 12900 Switch Series
14	HP 12500 Switch Series
16	HP FlexFabric 11900 Switch Series
18	HP FlexFabric 5920 Switch Series
20	HP FlexFabric 5900v Virtual Switch Series
22	HP FlexFabric 5900 Switch Series
24	HP 5830 Switch Series
26	HP 5820 Switch Series
28	HP 5800 Switch Series
30	HP 6125 Switch Series
32	HP 6120 Switch Series
34	HP Virtual Connect Modules
36	HP TippingPoint Next Generation Firewall Series
38	HP Firewall Series
40	HP VAN SDN Controller Software
43	Campus LAN/Branch
44	HP 10500 Switch Series
46	HP 7500 Switch Series
48	HP 8200 zl Switch Series
50	HP 5400 zl Switch Series
52	HP 4200 vl Switch Series
54	HP 5500 EI, SI, and HI Switch Series
58	HP 5120 EI and SI Switch Series
60	HP 3800 Switch Series
62	HP 3500 Switch Series
64	HP 6600 Switch Series
66	HP 6200-24G-mGBIC yl Switch
68	HP 3600 EI and SI Switch Series
70	HP 3100 EI and SI Switch Series
72	HP 2920 Switch Series
74	HP 2915-8G-PoE and HP 2615-8-PoE Switches
76	HP 2910 al Switch Series

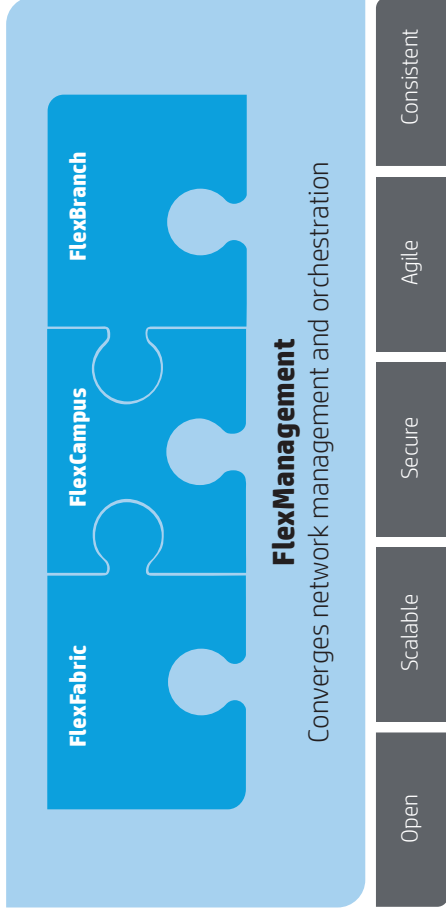
Table of contents

78	HP 2620 Switch Series
80	HP 2530 Switch Series
82	HP 2520 Switch Series
84	HP 2510 Switch Series
87	Small business switches
88	HP 1910 Switch Series
90	HP 1810 Switch Series
92	HP IntelliJack Gigabit Switch Series
94	HP 1410 Switch Series
96	HP 1405 Small Office Switch Series
98	HP PS1810 Switch Series
101	Routers
102	HP 8800 Router Series
104	HP HSR6800 Router Series
106	HP HSR6600 Router Series
108	HP 6600 Router Series
110	HP MSR4000 Router Series
112	HP MSR3000 Router Series
114	HP MSR2000 Router Series
116	HP VSR1000 Virtual Services Router Series
118	HP MSR50 Series
120	HP MSR30 Series
122	HP MSR20 Series
124	HP MSR20-1x Series
126	HP MSR93x Series
128	HP MSR900 Router Series

131	Management software
132	HP Advanced Services zl Modules
134	HP Intelligent Management Center (IMC)
141	Wireless
142	HP MultiService (MSM) Controller Series
146	HP 830 Unified Wired-WLAN Switch Series
148	HP 10500/7500 20G Unified Wired-WLAN Modules
150	HP MSM 802.11n Dual Radio Access Point Series
152	HP 425 802.11n Dual Radio Access Point Series
154	HP MSM 802.11n Access Point Series
156	HP MSM317 Access Device Series
158	HP M111 Client Bridge Series
160	HP RF Manager Mobility Security IDS/IPS System Series
162	HP M220 802.11n Access Point Series
164	HP M200 802.11n Access Point
167	IP telephony/UC
168	HP 4110 and HP 4120 IP Phone Series
170	HP 350x IP Phone Series
172	HP MSR Survivable Branch Communication Modules

HP delivers innovative networking solutions to help organizations improve their time-to-value, operational excellence, and ability to leverage networking technologies.

FlexNetwork architecture



Exceeding today's customer needs

Mid to large enterprise

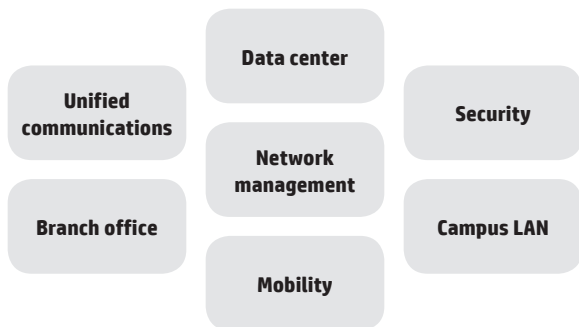
- Mission-critical data center solutions integrating server, storage, networking, and management
- Flexible, simplified, and cost-effective converged infrastructure
- Headquarters-like experience and connectivity for branch office users
- Seamless and secure user experience for wireless and mobile applications

Small and medium businesses

- Intuitive, plug-and-play networking solutions that are easy to deploy and simple to manage
- Minimal incremental costs to deploy secure wireless connectivity
- Cost-effective voice, video, data, and application delivery
- Networking that can be deployed today and is easily scalable for future growth

A comprehensive networking portfolio

Edge-to-core networking solutions





Data center/ Core

HP FlexFabric 12900 Switch Series



HP FlexFabric 12910 Switch
AC Chassis
(JG619A)
\$25,000

Recommended service options

Care Pack #	Description	U.S. list price
U1BJ3E	3 Yr Support Plus 24	\$56,159
U1BH4E	3 Yr 4 hr/24x7 Onsite	\$47,671

Features and benefits

- Modern, non-blocking, lossless Clos architecture offers flexibility and scalability to meet future growth
- Flexible, resilient, and scalable Layer 2 fabrics with TRILL and HP IRF
- Data Center Bridging (DCB) protocols support common standards for converged fabrics
- Support for FCoE features, including expansion, fabric, trunk VF and N ports, and aggregation of port virtualization
- Enhanced modularity offers separation of data and control planes
- High-density 10GbE and 40GbE interface connectivity offers scalable options; 100GbE a future option

Competing products

- Cisco Nexus 7000

HP 12500 Switch Series



HP 12518 AC Switch Chassis
(JF430C)

\$24,990

HP 12508 AC Switch Chassis
(JF431C)

\$12,990

HP 12504 AC Switch Chassis
(JC654A)

\$6,990

HP 12518 DC Switch Chassis
(JC653A)

\$24,990

HP 12508 DC Switch Chassis
(JC652A)

\$12,990

HP 12504 DC Switch Chassis
(JC655A)

\$6,990

Recommended service options

Care Pack #	Description	U.S. list price
UX052E	3 Yr Support Plus 24 (12518)	\$48,014
UX049E	3 Yr 4 hr/24x7 Onsite (12518)	\$46,615
UW990E	3 Yr Support Plus 24 (12508)	\$27,985
UW987E	3 Yr 4 hr/24x7 Onsite (12508)	\$27,302
U7M26E	3 Yr Support Plus 24 (12504)	\$16,927
U7M19E	3 Yr 4 hr/24x7 Onsite (12504)	\$14,359

Features and benefits

- Next-generation, large core/data center switching platforms
- 2.2 billion packets per second of forwarding throughput enables fast data processing
- Up to 512 10GbE ports or 864 GbE ports to handle the most demanding enterprise network applications
- IRF technology enables multiple interconnected switches to be managed as a single logical entity
- Layer 2/3 (IPv4/IPv6/MPLS) and fully distributed wire-speed forwarding enable high-performance networking
- Non-blocking, zero service interruption design provides the highest levels of availability and resilience

Competing products

- Cisco Nexus 7000
- Brocade BigIron RX
- Brocade NetIron MLX
- Juniper Networks EX8200

HP FlexFabric 11900 Switch Series



HP FlexFabric 11908-V
Switch Chassis
(JG608A)
\$10,000

Recommended service options

Care Pack #	Description	U.S. list price
UONF9E	3 Yr Support Plus 24	\$37,473
UONF4E	3 Yr 4 hr/24x7 Onsite	\$31,800

Features and benefits

- Modern, non-blocking, lossless Clos architecture offers flexibility and scalability to meet future growth
- Flexible, resilient, and scalable Layer 2 fabrics with TRILL and HP IRF
- Feature-rich routing with IPv4/IPv6, MPLS, and QoS
- Enhanced modularity offers separation of data and control planes
- High-density 10GbE and 40GbE interface connectivity offers scalable options; 100GbE across 7.7 Tb/s switch fabric

Competing products

- Cisco Nexus 7000
- Brocade VDX8770
- Juniper EX9200

HP FlexFabric 5920 Switch Series



HP FlexFabric 5920AF-24XG Switch
(JG296A)*

\$19,490

Recommended service options

Care Pack #	Description	U.S. list price
U6A03E	3 Yr Support Plus 24	\$7,455
U1V64E	3 Yr 4 hr/24x7 Onsite	\$6,337

* Visit hp.com/networking for TAA-compliant product part numbers.

Features and benefits

- Data center-ready top-of-rack (ToR) switch that provides high-performance 10GbE switching with deep data buffers for demanding applications
- 1 RU model delivers 24 x 10GbE ports with 3.6 GB packet buffer uplinks to help eliminate traffic congestion
- Delivers ultra-low latency for high performance (367.12 mpps) and high switching capacity (480 Gb/s) to support demanding applications
- Data center-optimized with redundant power supplies and fan trays and front-to-back/back-to-front airflow to enhance data center reliability
- Full L2/L3, IPv4/IPv6 dual stack for protecting network investments
- HP Intelligent Resilient Framework (IRF) for virtualization/two-tier architecture

Competing products

- Cisco Nexus 5010

HP FlexFabric 5900v Virtual Switch Series



HP FlexFabric Virtual Switch 5900v
for VMware ESX 5.x E-LTU
(JG814AAE)
\$495

HP FlexFabric Virtual Switch
Orchestration Software for 5900v
VMware ESX E-LTU
(JG815AAE)
\$1,995

Recommended service options

Care Pack #	Description	U.S. list price
U2V15E	3 Yr 24x7 SW Proactive Care	\$311
UV729E	3 Yr 24x7 SW Support	\$229

Features and benefits

- Flexible design allows users to define and manage database of application network policies via IMC VAN Connection Manager console
- Integration with vCenter console delivers automated application policy provisioning
- Virtual Switch Orchestrator manages all communications, providing central control for physical and virtual network infrastructure
- Offers robust VM traffic manageability, security enforcement, Quality of Service, and forwarding support in hardware
- Scalable delivery of corporate network security and monitoring policies into virtual environments

Competing products

- Cisco Nexus 1000v
- IBM V5000

HP FlexFabric 5900 Switch Series



HP FlexFabric 5900AF-48XG-4QSFP+ Switch
(JC772A)*
\$20,990

HP FlexFabric 5900AF-48XGT-4QSFP+ Switch
(JG336A)
\$20,990

HP FlexFabric 5900AF-48G-4XG-2QSFP+ Switch
(JG510A)
\$7,990

Recommended service options

Care Pack #	Description	U.S. list price
U5Y06E	3 Yr Support Plus 24 (5900AF-48XG and 5900AF-48XGT)	\$12,718
U5X98E	3 Yr 4 hr/24x7 Onsite (5900AF-48XG and 5900AF-48XGT)	\$10,813
U8E31E	3 Yr Support Plus 24 (5900AF-48G)	\$3,445
U8E26E	3 Yr 4 hr/24x7 Onsite (5900AF-48G)	\$2,907

* Visit hp.com/networking for TAA-compliant product part numbers.

Features and benefits

- High port density 10GbE top-of-rack switch ideally suited for deployment at the server access layer in large enterprise data centers; can also be deployed in core layer for medium data centers
- Cut-through design for ultra-low 10GbE latency (~1 microsecond)
- HP Intelligent Resilient Framework (IRF) for virtualization/two-tier architecture
- High 10GbE top-of-rack port density with 40GbE uplink
- Full L2/L3, IPv4/IPv6 dual-stack for protecting network investments
- Convergence-ready with data center bridging (DCB) support; Fibre Channel over Ethernet (FCoE) available in the future

Competing products

- Cisco Nexus 3064
- Juniper QFX3500
- Arista 7050S-64
- Dell Force10 S4810
- IBM BNT RackSwitch G8264

HP 5830 Switch Series



HP 5830AF-96G Switch
(JC694A)*

\$23,990

HP 5830AF-48G Switch
with 1 Interface Slot
(JC691A)*

\$11,990

Recommended service options

Care Pack #	Description	U.S. list price
HT199E	3 Yr Support Plus 24 (5830AF-96G)	\$12,876
HT194E	3 Yr 4 hr/24x7 Onsite (5830AF-96G)	\$10,929
HS944E	3 Yr Support Plus 24 (5830AF-48G)	\$6,517
HS941E	3 Yr 4 hr/24x7 Onsite (5830AF-48G)	\$5,523

* Visit hp.com/networking for TAA-compliant product part numbers.

Features and benefits

- Ideal for data center top-of-rack, campus deployment, and service provider aggregation or access deployments
- Stackable, high port density for high scalability
- Space-saving 1 RU HP 5830AF-48G model delivers 48 1GbE ports and up to four 10GbE ports; 2 RU HP 5830AF-96G provides 96 1GbE ports and up to ten 10GbE uplink ports
- HP Intelligent Resilient Framework technology for simpler two-tier networks
- Ultra-deep packet buffering (1 GB and 3 GB for 1 RU and 2 RU, respectively) to eliminate network congestion at I/O associated with heavy use of server virtualization, bursty multimedia, and storage applications
- Data center–optimized design supports redundant hot-swappable power supplies and fans to help ensure hardware availability, front-to-back or back-to-front airflow for hot- and cold-aisle isolation requirements

Competing products

- Cisco 3750X-48T
- Cisco 4948E, 4948E-F, 4900M
- Arista 7148SX
- Brocade FCX 648

HP 5820 Switch Series



HP 5820-24XG-SFP+ Switch
(JC102A)*

\$16,459

HP 5820AF-24XG Switch
(JG219A)

\$16,490

HP 5820-14XG-SFP+ 2-Slot Switch
(JC106A)*

\$18,289

Recommended service options

Care Pack #	Description	U.S. list price
UV900E	3 Yr Support Plus 24	\$6,359
UV897E	3 Yr 4 hr/24x7 Onsite	\$5,407

* Visit hp.com/networking for TAA-compliant product part numbers.

Features and benefits

- High-performance 10GbE flex chassis switches, with switching capacity of 488 Gb/s
- IRF technology that allows managing multiple switches with a single IP address
- Open Application Architecture (OAA) that extends and integrates application capability into the network
- Extensible embedded application capabilities enable integrating services into the network, consolidating devices and appliances to simplify deployment and reduce power consumption and rack space
- Especially useful in high-performance, high-density building or department cores as part of a consolidated network; for data center top-of-rack server access; or as high-performance Layer 3, 10GbE aggregation switches in campus and data center networks

Competing products

- Cisco Nexus 5000
- Cisco Catalyst 4900M
- Brocade Turbolron 24X
- Brocade FastIron CX
- Juniper Networks EX8200
- Juniper Networks EX4500
- Juniper Networks EX4200
- Extreme Networks X650

HP 5800 Switch Series



HP 5800-48G-PoE Switch
(JC104A)*

\$13,709

HP 5800-48G Switch
with 2 Slots
(JC101A)*

\$13,709

HP 5800-48G Switch
(JC105A)*

\$11,879

HP 5800AF-48G Switch
(JG225A)

\$10,990

HP 5800-24G-SFP Switch
(JC103A)*

\$11,879

HP 5800-24G-PoE Switch
(JC099A)*

\$7,309

HP 5800-24G Switch
(JC100A)*

\$6,399

Recommended service options

Care Pack #	Description	U.S. list price
HQ067E	3 Yr Support Plus 24 (5800-48G)	\$7,690
HQ066E	3 Yr 24x7 SW Support (5800-48G)	\$205
UV888E	3 Yr Support Plus 24 (5800-24G)	\$4,461
UV891E	3 Yr 24x7 SW Support (5800-24G)	\$137

* Visit hp.com/networking for TAA-compliant product part numbers.

Features and benefits

- Advanced GbE and 10GbE flex chassis switches with L2/L3/L4 capability, RIP/OSPF routing
- High port density and the flexibility, scalability, and reliability of a modular platform coupled with the ease of use of a stackable switch
- Up to 284 Gb/s switching capacity
- Two front-facing expansion slots that can dramatically increase 10GbE or GbE port density for even greater deployment flexibility and network infrastructure investment protection
- Some models feature 802.3af Power over Ethernet (PoE), with support for mid-power of up to 30 W per port, and are PoE+ ready
- Optimized for deployment in building or department network cores, or the aggregation and access layers of enterprise campus networks

Competing products

- Juniper Networks EX4200
- Extreme Networks X480
- Cisco 3750X-48T
- Cisco 4948E
- Brocade FCX 648

HP 6125 Switch Series



HP 6125XLG Ethernet Blade Switch
(711307-B21)

\$15,999

HP 6125G Ethernet Blade Switch
(658247-B21)

\$1,999

HP 6125G/XG Ethernet Blade
Switch
(658250-B21)

\$5,499

Recommended service options

Care Pack #	Description	U.S. list price
U8K29E	3 yr 4 hr/24x7	\$557
U8K35E	3 yr 6 hr/24x7, Call to repair	\$862

Features and benefits

- Robust Layer 2/3 Comware-based switching functions, QoS metering, security, and high-availability features
- 1 Gb, 10 Gb, and 40 Gb uplink options available
- Reduced network management complexity through core-to-edge connectivity and automated provisioning technologies powered by IMC
- Excellent investment protection, flexibility, and scalability, as well as ease of deployment and reduced operational expense
- Ethernet, iSCSI and FCoE options tailored for every data center

Competing products

For the HP 6125XLG:

- Cisco FEX
- IBM Flex System EN4093R
- Dell Force10 MXL

For the HP 6125G/XG & HP 6125G:

- Cisco 3120
- IBM Blade Center 1/10G uplink Ethernet Switch module
- Dell M6220

HP 6120 Switch Series



HP 6120XG Blade Switch
(516733-B21)

\$11,499

Recommended service options

HP 6120XG Blade Switch is covered by the Care Pack service on the enclosure.

Features and benefits

- Robust Layer 2+ switching functions, QoS metering, security, and high-availability features
- Well suited for data centers requiring 10 Gb high-performance architectures including FCoE
- Reduced network management complexity through core-to-edge connectivity and automated provisioning technologies
- Excellent investment protection, flexibility, and scalability, as well as ease of deployment and reduced operational expense

Competing products

- Cisco FEX
- IBM Blade Center Virtual Fabric 10G Switch module
- Dell M8024-K

HP Virtual Connect Modules



HP Virtual Connect FlexFabric
10 Gb/24-port Module
(571956-B21)
\$18,499

HP Virtual Connect FlexFabric
10/24 Enterprise Edition
BLc7000 Option
(605865-B21)
\$40,749

Recommended service options

Care Pack #	Description	U.S. list price
UH747E	3 yr 24x7 SW Support	\$1,245

Features and benefits

- Simplest, most converged and flexible way to connect virtualized server blades to any data or storage network
- Eliminates up to 95 percent of network sprawl at the server edge, converges traffic inside enclosures, and directly connects to LANs and SANs
- Each module provides four adjustable connections (three data and one storage or all data) to each 10 Gb server port
- Built-in connection management enables server adds, moves, and replacement in minutes instead of days
- Min/Max bandwidth optimization allows more efficient use of network bandwidth

Competing products

N/A

HP TippingPoint Next Generation Firewall Series



HP S1050F NGFW Appliance
(JC882A)

\$5,845

HP S3010F NGFW Appliance
(JC883A)

\$16,295

HP S3020F NGFW Appliance
(JC884A)

\$22,095

HP S8005F NGFW Appliance
(JC885A)

\$58,195

HP S8010F NGFW Appliance
(JC886A)

\$82,595

Recommended service options

Care Pack #	Description	U.S. list price
U0YR2E	3 Yr Support Plus 24 (S1050F)	\$4,902
U0YP8E	3 Yr Support Plus 24 (S3010F)	\$13,680
U0YN4E	3 Yr Support Plus 24 (S3020F)	\$18,643
U0YM0E	3 Yr Support Plus 24 (S8005F)	\$49,176
U0YK6E	3 Yr Support Plus 24 (S8010F)	\$69,940

Features and benefits

- Advanced security protection, with over 7,500 filters, blocks vulnerabilities without impacting network performance
- Developed on HP TippingPoint Next Generation Intrusion Prevention System (NGIPS) engine with a 99.99999 percent network uptime track record
- Gain broader visibility and granular control over authorized and unauthorized applications running on a network
- Enhanced and flexible policy setting reduces operational expenses and enables a consistent security posture across HP network security devices
- Weekly threat protection services from industry leaders HP DV Labs help ensure protection from the latest threats and attacks

Competing products

N/A

HP Firewall Series



HP F5000 Firewall Standalone
Chassis
(JG216A)
\$23,999

HP F1000-E VPN Firewall Appliance
(JD272A)
\$45,719

HP F1000-EI VPN Firewall Appliance
(JG214A)
\$14,795

HP F1000-S-EI VPN Firewall
Appliance
(JG213A)
\$10,495

Recommended service options

Care Pack #	Description	U.S. list price
HT166E	3 Yr Support Plus 24 (F5000)	\$39,030
HT165E	3 Yr 24x7 SW Support (F5000)	\$3,716
UW104E	3 Yr Support Plus 24 (F1000-E)	\$8,512
UW107E	3 Yr 24x7 SW Support (F1000-E)	\$55
HT133E	3 Yr Support Plus 24 (F1000-EI and F1000-S-EI)	\$10,626
HT132E	3 Yr 24x7 SW Support (F1000-EI and F1000-S-EI)	\$1,060

Features and benefits

- Full-featured appliances with advanced scalable network protection from the network core to the network edge
- Virtual firewall throughput up to 40 Gb/s
- VPN capabilities include GRE, L2TP, and IPSec tunneling technologies suitable for VPN gateways
- Series includes all advanced security capabilities found in unified software platform of HP switches and routers
- Easy integration, simple management, carrier-grade reliability, and network deployment infrastructure to reduce total cost of ownership

Competing products

N/A

HP VAN SDN Controller Software



HP VAN SDN base software
w/50-node E-LTU
(J9863AAE)

\$495

HP VAN SDN Controller High
Availability License E-LTU
(J9865AAE)

\$9,990

HP VAN SDN Controller Additional
50-node License E-LTU
(J9864AAE)

\$4,990

Recommended service options

Care Pack #	Description	U.S. list price
UV729E	3 Yr 24x7 SW Support	\$229
U2V15E	3 Yr 24x7 SW Proactive Care	\$311

Features and benefits

- Provides a unified control point in an OpenFlow network, simplifying management, provisioning, and orchestration
- Enables delivery of next-generation application-based network services
- Provisions physical and virtual switches via industry-standard OpenFlow protocol
- Offers security and OoS provisioning required in a BYOD environment
- Designed to operate in campus, data center, or service provider environments

Competing products

- Big Switch Big Network Controller
- NEC ProgrammableFlow Controller
- IBM Programmable Network Controller



Campus LAN/ Branch

HP 10500 Switch Series



HP 10512 Switch Chassis
(JC748A)

\$15,999

HP 10508-V Switch Chassis
(JC611A)

\$10,000

HP 10508 Switch Chassis
(JC612A)

\$8,500

HP 10504 Switch Chassis
(JC613A)

\$6,000

Recommended service options

Care Pack #	Description	U.S. list price
U6N34E	3 Yr Support Plus 24 (10512)	\$59,020
U6N26E	3 Yr 4 hr/24x7 Onsite (10512)	\$46,342
HT100E	3 Yr Support Plus 24 (10508-V and 10508)	\$34,302
HT095E	3 Yr 4 hr/24x7 Onsite (10508-V and 10508)	\$29,126
HT067E	3 Yr Support Plus 24 (10504)	\$28,001
HT062E	3 Yr 4 hr/24x7 Onsite (10504)	\$23,777

Features and benefits

- Ideal solution for enterprise campus core deployment
- Class-leading 10GbE line-rate density and less than 3 microsecond latency, enabling flatter, more agile campus networks; 40GbE and 100GbE-ready platform
- Advanced Clos architecture for high capacity, scalability, and reliability
- HP Intelligent Resilient Framework (IRF) for architectural simplicity and unmatched resiliency
- Routing switch with full L2/L3/MPLS/VPLS and application support across all IRF links
- Advanced routing switch with full support for RIP/RIPng/OSPFv2, v3/BGPv4, BGP+/IS-IS, IS-IS v6/MPLS/VPLS, and application support
- Energy-efficiency solution that contributes to overall OPEX savings

Competing products

- Cisco Catalyst 6500
- Cisco Catalyst 6500VSS
- Cisco Catalyst 6500E
- Brocade FastIron SX
- Brocade BigIron MX
- Juniper Networks EX8200

HP 7500 Switch Series



HP 7510 Switch with 2 48-port
Gig-T PoE+ Modules and
768Gbps MPU
(JG509A)
\$24,449

HP 7510 Switch Chassis
(JD238B)
\$8,229

HP 7506 Switch with 2 48-port
Gig-T PoE+ Modules and 384Gbps
MPU with 2 XFP ports
(JG508A)
\$21,779

HP 7506 Vertical Switch Chassis
(JD241B)
\$7,309

HP 7506 Switch Chassis
(JD239B)
\$6,399

HP 7503 Switch with 48-port Gig-T
PoE+ Module and 384Gbps MPU
with 2 XFP ports
(JG507A)
\$17,099

HP 7503 1 Fabric Slot Switch
Chassis
(JD243B)
\$899

HP 7503 Switch Chassis
(JD240B)
\$3,649

HP 7502 Switch Chassis
(JD242B)
\$899

Recommended service options

Care Pack #	Description	U.S. list price
HP788E	3 Yr Support Plus 24 (7510)	\$21,036
HP785E	3 Yr 4 hr/24x7 Onsite (7510)	\$17,847
UX007E	3 Yr Support Plus 24 (7506)	\$11,016
UX004E	3 Yr 4 hr/24x7 Onsite (7506)	\$9,360
HP806E	3 Yr Support Plus 24 (7503)	\$7,397
HP803E	3 Yr 4 hr/24x7 Onsite (7503)	\$6,279

Features and benefits

- Multilayer 10-, 6-, 3-, and 2-slot switches with up to 1.536 Tb/s performance, up to 84 10GbE and 504 GbE ports; wire-speed Layer 2/3 routing services
- Cost-effective wire-speed 10GbE ports provide the throughput and bandwidth necessary for mission-critical data and high-speed communications
- IRF technology enables multiple interconnected switches to be managed as a single logical entity
- Passive backplane with hot-swappable modules and dual load-sharing redundant management processor modules that enhance network resilience and availability; a fully distributed switching and routing forwarding architecture for scalable system performance
- Can be deployed in enterprise LAN core, aggregation layer, and PoE-enabled wiring closet edge, as well as in metropolitan area networks (MANs)
- Converged network support via wireless controller module
- Network analytics and security support via a NetStream (NetFlow) module and firewall modules

Competing products

- Cisco Catalyst 4500E
- Juniper Networks EX8200
- Brocade FastIron SX
- Extreme Networks BlackDiamond 8800
- Extreme Networks X480

HP 8200 zl Switch Series



HP 8212-92G-PoE+/2XG-SFP+ v2
zl Switch with Premium Software
(J9639A)

\$22,999

HP 8212 v2 zl Switch with
Premium Software
(J9641A)

\$12,599

HP 8206-44G-PoE+/2XG-SFP+ v2
zl Switch with Premium Software
(J9638A)

\$11,999

HP 8206 v2 zl Switch with
Premium Software
(J9640A)

\$7,999

Recommended service options

Care Pack #	Description	U.S. list price
UW449E	3 Yr Support Plus 24 (8212 zl)	\$7,191
UW448E	3 Yr 4 hr/24x7 Onsite (8212 zl)	\$6,985
UW444E	3 Yr Support Plus 24 (8206 zl)	\$6,491
UW443E	3 Yr 4 hr/24x7 Onsite (8206 zl)	\$4,879

Features and benefits

- Distribution and high availability access-layer switch with up to 428 mpps throughput
- 10/100/1000 and 10GbE scalability
- Wire-speed Gigabit connectivity with Power over Ethernet (PoE)
- High-availability platform and software features
- Proven architecture based on ProVision ASIC technology
- Comprehensive features to support a wide range of network deployments
- Supports converged networks via a wireless controller module
- Supports embedded applications via a virtualized server zl services module
- SDN-enabled with support for OpenFlow
- Lifetime warranty with lifetime software updates and email/phone support

Competing products

- Cisco Catalyst 4507R-E
- Cisco Catalyst 3750E
- Cisco Catalyst 3560E
- Cisco Catalyst 3750X
- Brocade FastIron SX
- Extreme Networks BlackDiamond 8800

HP 5400 zl Switch Series



HP 5412-92G-PoE+/2XG-SFP+ v2
zl Switch with Premium Software
(J9532A)

\$17,199

HP 5412-92G-PoE+/4G-SFP v2 zl
Switch with Premium Software
(J9540A)

\$15,599

HP 5406-44G-PoE+/2XG-SFP+ v2
zl Switch with Premium Software
(J9533A)

\$8,799

HP 5406-44G-PoE+/4G-SFP v2 zl
Switch with Premium Software
(J9539A)

\$7,799

HP 5412 zl Switch with
Premium Software
(J9643A)

\$4,599

HP 5406 zl Switch with
Premium Software
(J9642A)

\$2,419

HP 5406 8p 10GBASE-T 8p
10GbE SFP+ v2 zl Switch with
Premium Software
(J9866A)

\$8,900

Recommended service options

Care Pack #	Description	U.S. list price
UY916E	3 Yr Support Plus 24 (5412 zl)	\$5,016
UY915E	3 Yr 4 hr/24x7 Onsite (5412 zl)	\$6,320
UY911E	3 Yr Support Plus 24 (5406 zl)	\$4,094
UY910E	3 Yr 4 hr/24x7 Onsite (5406 zl)	\$3,992

Features and benefits

- 6-slot and 12-slot chassis and associated zl modules and bundles
- Protection against network downtime with CPU protection, virus throttling, multiple security authentication methods
- High-availability features such as meshing, OSPF-ECMP, trunking, VRRP, and redundant power supply/removable management module (for the chassis-based switch)
- Flexibility to build scalable networks through chassis choice, media choice, and integrated Gigabit PoE
- Enables deployment of convergence and mobility applications faster and more cost-effectively by simplifying choice
- PoE/PoE+ flexibility
- Supports converged networks via a wireless controller module
- Supports embedded applications via a virtualized server zl services module
- SDN-enabled with support for OpenFlow
- Lifetime warranty with lifetime software updates and email/phone support

Competing products

- | | |
|------------------------|--------------------------------------|
| • Cisco Catalyst 4900M | • Cisco Catalyst 3560E |
| • Cisco Catalyst 4506E | • Brocade FastIron SX |
| • Cisco Catalyst 4503E | • Extreme Networks BlackDiamond 8800 |
| • Cisco Catalyst 3750X | • Extreme Networks BlackDiamond 6808 |
| • Cisco Catalyst 3750E | |

HP 4200 vl Switch Series



HP 4208-96 vl Switch
(J8775B)

\$4,799

HP 4208-68G-4SFP vl Switch
(J9030A)

\$4,799

HP 4208 vl Switch Chassis
(J8773A)

\$2,199

HP 4204-44G-4SFP vl Switch
(J9064A)

\$3,099

HP 4204 vl Switch Chassis
(J8770A)

\$1,499

HP 4202-72 vl Switch
(J8772B)

\$3,699

Recommended service options

Care Pack #	Description	U.S. list price
UE246E	3 Yr Support Plus 24 (4208 vl)	\$2,064
UE245E	3 Yr 4 hr/24x7 Onsite (4208 vl)	\$1,996
UE243E	3 Yr Support Plus 24 (4204 vl)	\$1,032
UE242E	3 Yr 4 hr/24x7 Onsite (4204 vl)	\$998
UE249E	3 Yr Support Plus 24 (4202 vl)	\$571
UE248E	3 Yr 4 hr/24x7 Onsite (4202 vl)	\$554

Features and benefits

- High-density Layer 2 and 3 (basic IP routing) 10/100/1000 switching
- RMON and SMON
- Modular flexibility for the price of competitors' stackables
- Access and management security features, including IEEE 802.1X, Web-based and MAC-based authentication, TACACS+, Secure Shell (SSH), Secure Sockets Layer (SSL), SNMPv3, and RADIUS network login
- Hardware- and software-based high-availability features, including hot-swappable modules, dual flash images, and optional redundant power supply
- Stacking capability uses a single IP address to manage a virtual stack of up to 16 switches
- Lifetime warranty with lifetime software updates and email/phone support

Competing products

- Cisco Catalyst 2960G
- Cisco Catalyst 2960
- Cisco Catalyst 2960S

HP 5500 EI, SI, and HI Switch Series



HP 5500-48G-PoE+ EI Switch
with 2 Interface Slots
(JG240A)*

\$8,519

HP 5500-48G EI Switch
(JD375A)*

\$7,449

HP 5500-24G-SFP EI Switch
(JD374A)*

\$7,029

HP 5500-24G EI Switch
(JD377A)*

\$4,099

HP 5500-24G DC EI Switch
(JD373A)

\$5,749

HP 5500-24G-PoE+ EI Switch
with 2 Interface Slots
(JG241A)*

\$5,219

HP 5500-48G-PoE+ SI Switch
with 2 Interface Slots
(JG239A)

\$7,279

HP 5500-48G SI Switch
(JD370A)

\$5,819

HP 5500-24G-PoE+ SI Switch
with 2 Interface Slots
(JG238A)

\$4,319

HP 5500-24G SI Switch
(JD369A)

\$3,499

HP 5500-48G-4SFP HI Switch
with 2 Interface Slots
(JG312A)

\$9,209

HP 5500-24G-4SFP HI Switch
with 2 Interface Slots
(JG311A)

\$5,499

HP 5500-24G-PoE+-4SFP HI Switch
with 2 Interface Slots
(JG541A)

\$6,449

HP 5500-48G-PoE+-4SFP HI Switch
with 2 Interface Slots
(JG542A)

\$10,249

HP 5500-24G-SFP HI Switch
with 2 Interface Slots
(JG543A)

\$10,249

* Visit hp.com/networking for TAA-compliant product part numbers.

Recommended service options

Care Pack #	Description	U.S. list price
U4G92E	3 Yr Support Plus 24 (5500-48G-PoE+ EI/48G EI)	\$3,762
U4G81E	3 Yr 4 hr/24x7 Onsite (5500-48G-PoE+ EI/48G EI)	\$3,659
U4G18E	3 Yr Support Plus 24 (5500-24G-SFP EI/24G EI/24G DC EI/24G-PoE+ EI)	\$3,096
U4G07E	3 Yr 4 hr/24x7 Onsite (5500-24G-SFP EI/24G EI/24G DC EI/24G-PoE+ EI)	\$2,994
UV876E	3 Yr Support Plus 24 (5500-24G-PoE+ SI/48G SI/24G-PoE+ SI/24G SI)	\$1,753
UV873E	3 Yr 4 hr/24x7 Onsite (5500-24G-PoE+ SI/48G SI/24G-PoE+ SI/24G SI)	\$1,719
U4H29E	3 Yr Support Plus 24 (5500-48G-4SFP HI/48G-PoE+-4SPF HI)	\$4,517
U4H18E	3 Yr 4 hr/24x7 Onsite (5500-48G-4SFP HI/48G-PoE+-4SPF HI)	\$4,380
U4G55E	3 Yr Support Plus 24 (5500-24G-4SFP HI/24G-PoE+-4SFP HI/24G-SFP HI)	\$3,706
U4G44E	3 Yr 4 hr/24x7 Onsite (5500-24G-4SFP HI/24G-PoE+-4SFP HI/24G-SFP HI)	\$3,604

Features and benefits

5500 EI

- Stackable, scalable LAN switch series that enhances network performance with Gigabit Ethernet
- 24- and 48-port GbE switches with 10GbE uplinks and L2/L3/L4 RIP and OSPF routing
- Series offers PoE ports and 10GbE uplinks, along with IRF technology that allows managing multiple switches with a single IP address
- Robust switching for the edge or aggregation layer of large enterprise and campus networks or in the core layer of SMB networks

HP 5500 EI, SI, and HI Switch Series (continued)

Features and benefits (continued)

5500 SI

- Stackable Gigabit Ethernet switches that deliver quad-speed performance: 10/100/1000 and 10GbE
- Quality of Service (QoS) helps ensure clear VoIP and jitter-free video
- Ideal for enterprise organizations seeking to build a secure, convergence-enhanced campus network

5500 HI

- Stackable Layer 2/Layer 3 switches offering resiliency, security, and multiservice support for the edge layer of data centers, large campus networks, and metro Ethernet; can also be used in the core layer of SMB networks
- With two fixed 10G ports and extension flexibility, these switches can provide up to six 10GbE uplinks or 70 GbE ports
- Support for dual power supplies and IRF virtual fabric to provide the highest-level resiliency and manageability
- IPv4/IPv6 and MPLS/VPLS features that provide investment protection and an easy transition from IPv4 to IPv6 networks

Competing products

- Cisco Catalyst 3750G
- Cisco Catalyst 3560G
- Brocade FastIron CX
- Brocade FastIron GS
- Juniper Networks EX4200
- Juniper Networks EX3200
- Extreme Networks X450a
- Cisco 3850

HP 5120 EI and SI Switch Series



HP 5120-48G-PoE+ EI Switch
with 2 Interface Slots
(JG237A)*
\$3,879

HP 5120-48G EI 2-Slot Switch
(JE069A)*
\$2,898

HP 5120-48G EI Switch
(JE067A)
\$2,659

HP 5120-24G-PoE+ EI Switch
with 2 Interface Slots
(JG236A)*
\$2,198

HP 5120-24G EI 2-Slot Switch
(JE068A)*
\$1,648

HP 5120-24G EI Switch
(JE066A)

\$1,499

HP 5120-48G SI Switch
(JE072A)
\$3,099

HP 5120-24G SI Switch
(JE074A)
\$1,639

HP 5120-16G SI Switch
(JE073A)
\$1,089

HP 5120-24G-PoE+
(370W) SI Switch
(JG091A)
\$2,989

HP 5120-24G-PoE+
(170W) SI Switch
(JG092A)
\$2,449

Recommended service options

Care Pack #	Description	U.S. list price
UV864E	3 Yr Support Plus 24	\$921
UV861E	3 Yr 4 hr/24x7 Onsite	\$887
UV858E	3 Yr 4 hr/13x5 Onsite	\$794

* Visit hp.com/networking for TAA-compliant product part numbers.

Features and benefits

5120 EI

- 24- and 48-port GbE switches with 10GbE uplinks and L2/L3/L4 capabilities, RIP/OSPF routing
- PoE/non-PoE, AC/DC for power flexibility; IRF technology for improving resilience, reducing complexity
- Wire-speed throughput, performance-enhancing management, and availability-maximizing features to enhance delivery of mission-critical data
- Can be used at the edge of a network or to connect server clusters in data centers

5120 SI

- Stackable 16-, 24-, and 48-port GbE switches with four GbE SFP interfaces
- Comprehensive security control policies
- Diversified Quality of Service (QoS) policies that eliminate jitter and dropped calls, and help ensure that end users experience no quality issues
- Typically deployed at the access layer in enterprise networks that require Gigabit Ethernet to the desktop, or at the distribution layer in metropolitan area networks (MANs)

Competing products

- Extreme Networks X350
- Cisco 2960X

HP 3800 Switch Series



HP 3800-48G-PoE+-4SFP+ Switch
(J9574A)

\$8,719

HP 3800-24G-PoE+-2SFP+ Switch
(J9573A)

\$5,519

HP 3800-48G-PoE+-4XG Switch
(J9588A)

\$9,719

HP 3800-24G-PoE+-2XG Switch
(J9587A)

\$6,019

HP 3800-48G-4SFP+ Switch
(J9576A)

\$7,419

HP 3800-24G-2SFP+ Switch
(J9575A)

\$4,969

HP 3800-48G-4XG Switch
(J9586A)

\$8,419

HP 3800-24G-2XG Switch
(J9585A)

\$5,469

HP 3800-24SFP-2SFP+ Switch
(J9584A)

\$8,299

Recommended service options

Care Pack #	Description	U.S. list price
HT028E	3 Yr Support Plus 24	\$3,096
HT023E	3 Yr 4 hr/24x7 Onsite	\$2,994

Features and benefits

- For medium to large enterprises with medium to large campus network environments; also for use by small business as highly resilient network core
- Fully managed Layer 3 stackable Gigabit Ethernet switch series utilizing the latest HP ProVision ASIC technology
- Wide choice of models, including PoE+ and non-PoE+, 10GBASE-SFP+, or 10GBASE-T uplinks
- Low-latency, high-performance, highly resilient network switches, with industry-leading meshed stacking technology to deliver chassis-like resiliency in a flexible, stackable form factor
- Large per-port buffer for bursty traffic handles larger microbursts than competitive products
- Energy Efficient Ethernet features for lower long-term power and cooling costs
- Lifetime warranty with lifetime software updates and email/phone support

Competing products

- Cisco Catalyst 3750-X
- Cisco Catalyst 3560-X
- Juniper EX4200

HP 3500 Switch Series



HP 3500-48G-PoE+ yl Switch
(J9311A)

\$7,199

HP 3500-24G-PoE+ yl Switch
(J9310A)

\$3,899

HP 3500-48G-PoE yl Switch
(J8693A)

\$7,199

HP 3500-24G-PoE yl Switch
(J8692A)

\$3,999

HP 3500-48-PoE Switch
(J9473A)

\$5,299

HP 3500-48 Switch
(J9472A)

\$4,099

HP 3500-24-PoE Switch
(J9471A)

\$3,099

HP 3500-24 Switch
(J9470A)

\$2,449

Recommended service options

Care Pack #	Description	U.S. list price
U6319E	3 Yr Support Plus 24 (3500-48)	\$1,587
H2893E	3 Yr 4 hr/24x7 Onsite (3500-48)	\$1,552
U6304E	3 Yr Support Plus 24 (3500-24)	\$1,032
U2856E	3 Yr 4 hr/24x7 Onsite (3500-24)	\$998

Features and benefits

- Advanced Layer 2/3/4 Fast Ethernet switches offering enterprise-class manageability, robust command line and Web interface, and full SNMP support
- Flexible, scalable networking with Gigabit and 10/100 interfaces; integrated PoE+, PoE, and non-PoE options; and versatile 10GbE connectivity (CX4, X2, and SFP+) on Gigabit switches
- Protection against network downtime with CPU protection, virus throttling, and multiple security authentication methods
- High-availability features such as meshing, OSPF-ECMP, trunking, VRRP, and redundant power supply/removable management module (for the chassis-based switch) help reduce network downtime
- PoE/PoE+ provides up to 30 W per port to power devices such as video IP phones, IEEE 802.11n wireless access points, and advanced pan/zoom/tilt security cameras
- Miercom Certified Green Distinction Award—23% energy cost-savings compared to average systems
- Ideal for converged edge, data center, and remote branch office deployments
- Lifetime warranty with lifetime software updates and email/phone support

Competing products

- | | |
|------------------------|---------------------------|
| • Cisco Catalyst 3560E | • Juniper Networks EX3200 |
| • Cisco Catalyst 3560 | • Juniper Networks EX2200 |
| • Brocade FastIron CX | • Extreme Networks X450a |
| • Brocade FastIron GS | |

HP 6600 Switch Series



HP 6600-48G-4XG Switch
(J9452A)

\$11,499

HP 6600-24G-4XG Switch
(J9264A)

\$8,499

HP 6600-24XG Switch
(J9265A)

\$17,999

Recommended service options

Care Pack #	Description	U.S. list price
U6319E	3 Yr Support Plus 24 (6600-48)	\$1,587
H2893E	3 Yr 4 hr/24x7 Onsite (6600-48)	\$1,552
U6304E	3 Yr Support Plus 24 (6600-24)	\$1,032
U2856E	3 Yr 4 hr/24x7 Onsite (6600-24)	\$998

Features and benefits

- Optimized data center server access layer switches in 24- and 48-port GbE and 10GbE models
- Reversible front-to-back/back-to-front airflow to improve cooling performance in data centers
- Layer 2 to Layer 4 and intelligent edge feature set
- Redundant, hot-swappable power supplies and fans
- Enterprise-class performance and security
- Scalable 10/100/1000 and 10GbE connectivity

Competing products

- Cisco Nexus 5000
- Cisco Catalyst 4900M
- Juniper Networks EX8200
- Juniper Networks EX4200
- Juniper Networks EX2500

HP 6200-24G-mGBIC yl Switch



HP 6200-24G-mGBIC yl Switch
(J8992A)

\$7,499

Recommended service options

Care Pack #	Description	U.S. list price
U6304E	3 Yr Support Plus 24	\$1,032
U2856E	3 Yr 4 hr/24x7 Onsite	\$998

Features and benefits

- Advanced Layer 2/3/4 Gigabit SFP switch capability in a 1U stackable format to aggregate network traffic from the edge of the network to the core
- Protects against network downtime with CPU protection, virus throttling, and multiple security authentication methods
- Advanced Layer 3 routing—including OSPF, PIM-SM, PIM-DM, RIPv1/v2, and static routes
- High-performance architecture, 10GbE capability, and programmable ASIC provides excellent investment protection, flexibility, and scalability
- Reduce deployment, operation, and maintenance costs through virus/ICMP throttling, switch CPU protection, and identity-driven ACL features, which automatically help protect against malicious attacks

Competing products

- Cisco Catalyst 3750
- Extreme Summit X450

HP 3600 EI and SI Switch Series



HP 3600-48-PoE+ V2 EI Switch
(JG302A)

\$4,289

HP 3600-24-PoE+ V2 EI Switch
(JG301A)

\$3,179

HP 3600-24 V2 EI Switch
(JG299A)

\$2,289

HP 3600-48 V2 EI Switch
(JG300A)

\$3,009

HP 3600-24-SFP V2 EI Switch
(JG303A)

\$3,369

HP 3600-24-SFP EI Switch
(JD334A)

\$3,369

HP 3600-48-PoE+ V2 SI Switch
(JG307A)

\$3,359

HP 3600-24-PoE SI Switch
(JD325A)

\$1,969

HP 3600-24 V2 SI Switch
(JG304A)

\$1,839

HP 3600-48 V2 SI Switch
(JG305A)

\$2,159

Recommended service options

Care Pack #	Description	U.S. list price
UV828E	3 Yr Support Plus 24	\$977
UV825E	3 Yr 4 hr/24x7 Onsite	\$942

Features and benefits

3600 EI

- Stackable, scalable, voice-optimized L3 enhanced Fast Ethernet switches for high-performance networking
- Up to 48 10/100 PoE or non-PoE ports, four Gigabit uplinks, 17.6 Gb/s switching capacity
- Secure, resilient connectivity and the latest traffic-prioritization technologies for enhancing converged networks
- Robust switching for the enterprise network edge

3600 SI

- Layer 2/3 Fast Ethernet and PoE switches with features that deliver intelligent, resilient performance, security, and reliability
- Configurations with 48 or 24 10/100 ports, Gigabit uplinks, PoE and non-PoE ports
- 12.8 Gb/s switching capacity; AC or DC power flexibility
- Ideal for robust switching at the enterprise network edge

Competing products

- Cisco Catalyst 3750
- Cisco Catalyst 3560
- Extreme Networks X250e

HP 3100 EI and SI Switch Series



HP 3100-48 V2 Switch
(JG315A)

\$1,819

HP 3100-24-PoE V2 EI Switch
(JD313B)

\$1,759

HP 3100-24 V2 EI Switch
(JD320B)

\$1,089

HP 3100-8 V2 EI Switch
(JD318B)

\$539

HP 3100-24 V2 SI Switch
(JG223A)

\$879

HP 3100-16 V2 SI Switch
(JG222A)

\$689

HP 3100-8 V2 SI Switch
(JG221A)

\$479

Recommended service options

Care Pack #	Description	U.S. list price
HS701E	3 Yr 4 hr Exchange Plus	\$226
U2N61E	3 Yr 4 hr/24x7 Proactive Care	\$399

Features and benefits

3100 EI

- Stackable L2 enhanced switch line with enterprise-class security and support for converged voice and data
- 8-, 16-, and 24-port L2 Fast Ethernet switches, with Gigabit uplinks, maximum 17.6 Gb/s switching capacity
- PoE/non-PoE, AC and DC models, ACL support, single IP address management

3100 SI

- Stackable, affordable Fast Ethernet switches that enable organizations to do more with less
- 8, 16, and 24 10/100 downlink ports, Gigabit uplinks, single IP address management, 8.8 Gb/s switching capacity
- In the enterprise, can serve as access devices for 100 Mb/s-to-desktop applications; in metropolitan area networks (MANs) or industry networks, can connect end users or aggregate low-end switches

Competing products

- Cisco Catalyst 2960
- Extreme Networks X150

HP 2920 Switch Series



HP 2920-48G-PoE+ 740W Switch
(J9836A)

\$4,579

HP 2920-48G-PoE+ Switch
(J9729A)

\$3,879

HP 2920-48G Switch
(J9728A)

\$2,898

HP 2920-24G-PoE+ Switch
(J9727A)

\$2,198

HP 2920-24G Switch
(J9726A)

\$1,648

Recommended service options

Care Pack #	Description	U.S. list price
UORY5E	3 Yr Support Plus 24 (2920-48G 740W)	\$1,587
UORX7E	3 Yr 4 hr/24x7 Onsite (2920-48G 740W)	\$1,552
UODY9E	3 Yr Support Plus 24 (2920-48G)	\$977
UODX7E	3 Yr 4 hr/24x7 Onsite (2920-48G)	\$942
UODT3E	3 Yr Support Plus 24 (2920-24G)	\$571
UODS1E	3 Yr 4 hr/24x7 Onsite (2920-24G)	\$554

Features and benefits

- High-performance Gigabit Ethernet access switches with PoE+ flexibility in 24 or 48 ports
- Supports up to four optional 10GbE (SFP+ and/or 10GBASE-T) ports and two-port stacking module for flexibility and easy deployment of uplinks and stacking
- Layer 2 and Layer 3 plus static and RIP routing, and robust security
- Industry-leading lifetime warranty, sFlow agent for end-to-end network visibility, ACLs, OpenFlow, and rate limiting features
- Easily deployed at enterprise edge, remote branch offices, and in converged networks

Competing products

- Cisco 2960X

HP 2915-8G-PoE and HP 2615-8-PoE Switches



HP 2915-8G-PoE Switch
(J9562A)

\$1,199

HP 2615-8-PoE Switch
(J9565A)

\$749

Recommended service options

Care Pack #	Description	U.S. list price
U6321E	3 Yr Support Plus 24	\$228
U4835E	3 Yr 4 hr/24x7 Onsite	\$222

Features and benefits

- Robust 8-port 10/100 or 10/100/1000 switch options with additional 2 dual-personality Gigabit ports for copper or SFP connectivity
- Integrated switching, PoE, and management in one device
- Enterprise-class management, including sFlow agent for end-to-end network visibility, ACLs, and rate-limiting features
- Power IP phones, surveillance cameras, and other PoE applications over a single platform
- Unified, secure, and seamless control across head office and branch offices
- Designed with compact form factor and quiet operation for flexible deployment in small offices, conference rooms, retail front offices, under desks, and other locations requiring low-port-density connectivity
- Energy-efficient design helps reduce power consumption

Competing products

- Cisco Catalyst 3560
- Cisco Catalyst 2960
- Cisco Catalyst 2960G

HP 2910 al Switch Series



HP 2910-48G-PoE+ al Switch
(J9148A)

\$4,931

HP 2910-24G-PoE+ al Switch
(J9146A)

\$2,789

HP 2910-48G al Switch
(J9147A)

\$3,698

HP 2910-24G al Switch
(J9145A)

\$2,213

Recommended service options

Care Pack #	Description	U.S. list price
U0DY9E	3 Yr Support Plus 24 (2910-48G)	\$977
U0DX7E	3 Yr 4 hr/24x7 Onsite (2910-48G)	\$942
U0DT3E	3 Yr Support Plus 24 (2910-24G)	\$571
U0DS1E	3 Yr 4 hr/24x7 Onsite (2910-24G)	\$554

Features and benefits

- High-performance wire-speed 10/100/1000 Gigabit switch with four optional 10-Gigabit ports
- 10-Gigabit flexibility with deployment in either CX4 Copper or smaller-form-factor fiber with SFP+
- PoE+ flexibility with 24 or 48 ports
- IEEE 802.3af/at Power over Ethernet (PoE)-compliant and provides up to 30 W per port
- Industry-leading warranty, sFlow, ACLs, and rate limiting
- Strong access security with IEEE 802.1X, Web authentication, and MAC authentication, providing multiple options for user authentication
- Optional RPS/UPS support provides additional power and offers protection against network downtime and outages

Competing products

- Cisco Catalyst 2960G
- Cisco Catalyst 2960
- Cisco Catalyst 2960S
- Juniper Networks E2200
- Extreme Networks x350

HP 2620 Switch Series



HP 2620-48-PoE+ Switch
(J9627A)

\$2,799

HP 2620-24-PPoE+ Switch
(J9624A)

\$1,099

HP 2620-24-PoE+ Switch
(J9625A)

\$1,599

HP 2620-48 Switch
(J9626A)

\$1,299

HP 2620-24 Switch
(J9623A)

\$749

Recommended service options

Care Pack #	Description	U.S. list price
HS987E	3 Yr Support Plus 24	\$343
HS982E	3 Yr 4 hr/24x7 Onsite	\$333

Features and benefits

- Ideal for network edge open office deployments or wiring closet deployments in medium to large enterprises; also for network connectivity in remote offices
- Managed, robust Lite Layer 3 enterprise edge switches providing secure, reliable 10/100 connectivity in a stackable 24- and 48-port form factor
- Two 10/100/1000BASE-T ports and two SFP slots for Gigabit Ethernet uplink connectivity
- Enterprise-class features include full network management, multicast traffic control, static and RIP IPv4 and IPv6 routing, and network monitoring using sFlow
- Cost-effective solution for customers building converged enterprise edge networks
- 30 W PoE+ support on PoE models; fanless models for quiet operation in open office or wiring closet deployments

Competing product

- Cisco Catalyst 2960 LAN Base
- NETGEAR ProSafe 7326P, 7328S, 7352PS, 7352S

HP 2530 Switch Series



HP 2530-48G-PoE+ Switch
(J9772A)

\$3,699

HP 2530-24G-PoE+ Switch
(J9773A)

\$1,999

HP 2530-8G-PoE+ Switch
(J9774A)

\$729

HP 2530-48G Switch
(J9775A)

\$1,999

HP 2530-24G Switch
(J9776A)

\$1,099

HP 2530-8G Switch
(J9777A)

\$599

HP 2530-48-PoE+ Switch
(J9778A)

\$1,769

HP 2530-24-PoE+ Switch
(J9779A)

\$1,049

HP 2530-8-PoE+ Switch
(J9780A)

\$599

HP 2530-48 Switch
(J9781A)

\$759

HP 2530-24 Switch
(J9782A)

\$419

HP 2530-8 Switch
(J9783A)

\$339

Recommended service options

Care Pack #	Description	U.S. list price
U6321E	3 Yr Support Plus 24	\$228
U4835E	3 Yr 4 hr/24x7 Onsite	\$222

Features and benefits

- Fully managed, robust Layer 2 switches provide cost-effective, reliable, and secure connectivity to business networks
- Offers 8, 24, or 48 Gigabit or Fast Ethernet ports with four Gigabit uplink ports (two uplinks on 8-port models)
- 30 W PoE+ support on PoE models, compact and fanless models for quiet operation; fully supports voice, video, and wireless deployments
- Enterprise-class features including ACLs, EEE, and IPv4/IPv6 routing host support
- Industry-leading lifetime warranty, all software releases, and technical phone support

Competing products

- Cisco Catalyst 2960/2960-S LAN Lite

HP 2520 Switch Series



HP 2520-8G-PoE Switch
(J9298A)

\$849

HP 2520-8-PoE Switch
(J9137A)

\$599

HP 2520-24-PoE Switch
(J9138A)

\$1,049

Recommended service options

Care Pack #	Description	U.S. list price
U6321E	3 Yr Support Plus 24	\$228
U4835E	3 Yr 4 hr/24x7 Onsite	\$222

Features and benefits

- Choice of Fast Ethernet or Gigabit PoE in both 24-port and compact 8-port configurations
- Quiet operation and fanless design for flexible deployment in open office environments (offered in 8-port options)
- Enhanced network security features segment network traffic; denial-of-service attack filtering prevents attacks and protects the network
- Port low-power mode when devices are turned off and the ability to switch port LEDs off help to conserve energy (offered in Gigabit options)
- Interactive Web interface allows easy initial setup, configuration, and monitoring of your network

Competing products

- Cisco SBP ESW540
- Cisco SBP ESW520

HP 2510 Switch Series



HP 2510-48 Switch
(J9020A)

\$759

HP 2510-24 Switch
(J9019B)

\$419

Recommended service options

Care Pack #	Description	U.S. list price
U6321E	3 Yr Support Plus 24	\$228
U4835E	3 Yr 4 hr/24x7 Onsite	\$222

Features and benefits

- Flexibility of either 10/100 or 10/100/1000 connectivity for choice in network speed that best meets business needs
- Operational flexibility with fanless design, allowing deployment in open office space without distraction
- Robust feature set, including IEEE 802.1X, Web-based and MAC-based support for access security, IEEE 802.1p for traffic prioritization, and RMON for additional reporting
- Easy deployment with stacking ability that allows for single IP management of up to 16 switches; easy integration into legacy networks with 100-FX optional uplink
- Full-featured console provides complete control of the switch with familiar CLI commands
- Protected ports functionality allows for private LAN connections between a given port and the uplink

Competing products

- Cisco SBP ESW5xx
- Cisco Catalyst 2960 Lite



Small business switches

Small business
switches

HP 1910 Switch Series



HP 1910-48G Switch
(JE009A)

\$979

HP 1910-24G-PoE (365 W) Switch
(JE007A)

\$1,152

HP 1910-24G-PoE (170 W) Switch
(JE008A)

\$926

HP 1910-24G Switch
(JE006A)

\$489

HP 1910-16G Switch
(JE005A)

\$399

HP 1910-8G-PoE (180W) Switch
(JG350A)

\$579

HP 1910-8G-PoE+ (65W) Switch
(JG349A)

\$439

HP 1910-8G Switch
(JG348A)

\$229

HP 1910-48 Switch
(JG540A)

\$449

HP 1910-24 Switch
(JG538A)

\$239

HP 1910-24-PoE+ Switch
(JG539A)

\$579

HP 1910-8-PoE+ Switch
(JG537A)

\$339

HP 1910-8 Switch
(JG536A)

\$129

Recommended service options

Care Pack #	Description	U.S. list price
UW488E	3 Yr Support Plus 24	\$54
UW485E	3 Yr 4 hr/24x7 Onsite	\$54

Features and benefits

- Smart-managed, voice-ready fixed-configuration Layer 2+ switches with 48, 24, or 16 10/100/1000 ports and an additional four true Gigabit SFP ports
- Plug-and-play setup, yet highly customizable using a Web-based interface
- Access control lists for enhanced security, and Advanced Quality of Service features to improve performance in Voice over IP implementations
- Advanced features for environments not requiring centralized administration
- Ideal for small and midsize organizations, especially those with no dedicated IT staff

Competing products

- Cisco Small Business SGExx
- Cisco Small Business SFExx
- Cisco Small Business SRWxx

HP 1810 Switch Series



HP 1810-48G Switch
(J9660A)

\$758

HP 1810-24G v2 Switch
(J9803A)

\$379

HP 1810-24 v2 Switch
(J9801A)

\$219

HP 1810-8G v2 Switch
(J9802A)

\$159

HP 1810-8 v2 Switch
(J9800A)

\$99

Recommended service options

Care Pack #	Description	U.S. list price
HS858E	3 Yr Support Plus 24 (1810-48G)	\$343
HS856E	3 Yr 4 hr/24x7 Onsite (1810-48G)	\$333
U6321E	3 Yr Support Plus 24 (1810-24G)	\$228
U4835E	3 Yr 4 hr/24x7 Onsite (1810-24G)	\$222
UE258E	3 Yr Support Plus 24 (1810-8G)	\$171
UE257E	3 Yr 4 hr/24x7 Onsite (1810-8G)	\$166

Features and benefits

- The HP 1810-24G Switch features two dual-personality ports for optional fiber uplinks; the HP 1810-8G Switch can optionally be powered by an upstream PoE switch
- Plug-and-play setup and simple management using an intuitive Web-based interface
- Fanless design reduces noise, enabling open-space deployments of an enterprise-caliber switch
- Easy, flexible mounting options on walls, ceilings, tabletops, and under tables
- IEEE 802.3af PoE-powered device option can obtain power from a standard PoE device

Competing products

- Cisco Small Business SLMxx
- NETGEAR GSxx
- D-Link DGS-12xx

HP IntelliJack Gigabit Switch Series



HP NJ2000 1Gb IntelliJack Switch
(JD057A)

\$209

Recommended service options

Care Pack #	Description	U.S. list price
UV982E	3 Yr 4 hr/24x7 Onsite	\$57

Features and benefits

- Compact 10/100/1000 switches that can be installed in a standard wall outlet box
- Quickly convert existing single-port LAN wall outlet into four switched Gigabit Ethernet ports
- Simple solution for adding network ports without running more cabling
- Local power, or PoE-powered with PoE forwarding
- Available as Web-managed and unmanaged models
- 3-year warranty

Competing products

N/A

HP 1410 Switch Series



HP 1410-24G Switch
(J9561A)

\$318

HP 1410-16G Switch
(J9560A)

\$215

HP 1410-8G Switch
(J9559A)

\$86

HP 1410-24-2G Switch
(J9664A)

\$189

HP 1410-24 Switch
(J9663A)

\$129

HP 1410-16 Switch
(J9662A)

\$99

HP 1410-8 Switch
(J9661A)

\$59

Recommended service options

Care Pack #	Description	U.S. list price
UF798E	3 Yr 4 hr/24x7 Onsite (1410-24G and 1410-16G)	\$55
UF796E	3 Yr 4 hr/24x7 Onsite (1410-8G)	\$55

Features and benefits

- Flexible, reliable unmanaged Gigabit connectivity in compact 8-port and rack-mountable 16- and 24-port designs for plug-and-play connectivity
- Ideal for entry-level networking environments seeking administration-friendly features such as auto-negotiated port speed and automatic detection of the Ethernet cable type (MDI/MDIX)
- Choice of desktop, wall-mount, and rack-mount options for secure, flexible, cost-effective networking

Competing products

- Cisco Small Business SDxx
- Cisco Small Business SRxx

HP 1405 Small Office Switch Series



HP 1405-16G Desktop Switch
(JD844A)

\$212

HP 1405-8G v2 Switch
(J9794A)

\$83

HP 1405-5G v2 Switch
(J9792A)

\$53

HP 1405-16 Desktop Switch
(JD858A)

\$81

HP 1405-8 Switch
(J9793A)

\$50

HP 1405-5 v2 Switch
(J9791A)

\$32

Recommended service options

Care Pack #	Description	U.S. list price
UW479E	3 Yr Support Plus 24	\$54
UW476E	3 Yr 4 hr/24x7 Onsite	\$54

Features and benefits

- Unmanaged fixed-configuration desktop and rack-mounted switches with 5 to 24 Gigabit or Fast Ethernet ports
- Preconfigured for fast, easy installation, with connections using low-cost Ethernet copper cabling
- Administration-friendly features such as auto negotiated port speed and automatic detection of the Ethernet cable type (MDI/MDIX)
- Quiet, fanless operation
- Some models offer compact, ultra-green design
- Ideal for small and midsize organizations that don't need customized operation or management capabilities

Competing products

- Cisco Small Business SDxx
- Cisco Small Business SRxx

HP PS1810 Switch Series



HP PS1810-24G Switch
(J9834A)

\$409

HP PS1810-8G Switch
(J9833A)

\$185

Recommended service options

Care Pack #	Description	U.S. list price
U6321E	3 Yr Support Plus 24 (PS1810-24G)	\$228
U4835E	3 Yr 4 hr/24x7 Onsite (PS1810-24G)	\$222
UE258E	3 Yr Support Plus 24 (PS1810-8G)	\$171
UE257E	3 Yr 4 hr/24x7 Onsite (PS1810-8G)	\$166

Features and benefits

- Fixed-configuration Gigabit Ethernet Layer 2 switches available in 8- and 24-port models
- 8-port model offers PoE option; 24-port model includes SFP ports for fiber uplink connectivity
- Fanless design; flexible mounting options, including wall-mount and under-table mounting (24-port model is rack-mountable)
- HP Integrated Lights-Out (iLO) interface enables single-pane-of-glass view for switch and server maintenance
- Energy-saving capabilities such as Energy Efficient Ethernet (EEE) and idle-port power-down
- Industry-leading lifetime warranty, all software releases, and technical phone support

Competing products

N/A



Routers

HP 8800 Router Series



HP 8812 Router Chassis
(JC150B)

\$15,999

HP 8808 Router Chassis
(JC149B)

\$13,719

HP 8805 Router Chassis
(JC148B)

\$9,149

Recommended service options

Care Pack #	Description	U.S. list price
UV990E	3 Yr Support Plus 24	\$80,657
UV967E	3 Yr 4 hr/24x7 Onsite	\$68,483

Features and benefits

- Routers with up to 12 slots, 1.44 Tb/s switching capacity, 10 Gigabit Ethernet wire-speed forwarding capability, and support for up to 384 T1/E1 wire-speed connections
- Robust, wire-speed 10 Gigabit Ethernet forwarding as well as carrier-class service, security, and availability meet the demands of service and application providers
- Distributed high-performance network processor (NP) and high-capacity crossbar non-blocking switching technology deliver robust network processing performance and flexibility
- Distributed Quality of Service (QoS) control unit provides end-to-end service, as well as core services with fine granularity
- Dedicated OAM engine and detection plane detect network faults within 30 ms and switch over services within 20 ms without interruption
- Future-proofed with IPv4/IPv6 routing
- Commonly deployed in IP backbone networks, IP metropolitan area networks (MANs), or the core or convergence layers of large IP networks

Competing products

- Cisco 7600 + Sup720
- Juniper Networks MX320/MX960

HP HSR6800 Router Series



HP HSR6808 Router Chassis
(JG363A)

\$18,000

HP HSR6804 Router Chassis
(JG362A)

\$11,000

HP HSR6802 Router Chassis
(JG361A)

\$7,000

Recommended service options

Care Pack #	Description	U.S. list price
U8G03E	3 Yr Support Plus 24 (HSR6808)	\$20,056
U8F99E	3 Yr 4 hr/24x7 Onsite (HSR6808)	\$17,034
U8F70E	3 Yr Support Plus 24 (HSR6804)	\$18,512
U8F66E	3 Yr 4 hr/24x7 Onsite (HSR6804)	\$15,696
U8F37E	3 Yr Support Plus 24 (HSR6802)	\$17,201
U8F33E	3 Yr 4 hr/24x7 Onsite (HSR6802)	\$14,592

Features and benefits

- High-performance services with up to 420 mpps forwarding and 2 Tb/s switching capacity
- Highly reliable, enhanced backplane capable of supporting 100G/slot line cards (4-port 10GE line card for L2/L3 services supported today)
- Full-featured, resilient routing platform with latest multicore centralized processing, distributed processing architecture and comprehensive routing, switching, and security
- High-availability, high-density WAN connections
- IRF2 support (Q4 CY2013)

Competing products

- Cisco ASR-100x and 7600E Routers
- Juniper M120/MX240/MX480/M320/T320

HP HSR6600 Router Series



HP HSR6602-XG Router
(JG354A)

\$26,000

HP HSR6602-G Router
(JG353A)

\$18,000

Recommended service options

Care Pack #	Description	U.S. list price
U8D96E	3 Yr Support Plus 24	\$7,064
U8D92E	3 Yr 4 hr/24x7 Onsite	\$5,988

Features and benefits

- High-performance, ultra-high-end CPE and small campus core/edge WAN routers
- 4-port GE SFP built-in ports on HSR6602-G router; 4-port GE SFP and 2-port 10GE SFP+ ports on HSR6602-XG router
- Compact and innovative multicore centralized processing architecture delivers industry-leading performance and comprehensive routing, switching, and security
- 16-, 8-, 4-, and 2-slot routers with complete portfolio of modular WAN and LAN connectivity options
- Robust high availability and resiliency

Competing products

- Cisco ASR-1001/1002 Routers
- Juniper M7i/M10i Routers

HP 6600 Router Series



HP 6616 Router Chassis
(JC496A)

\$12,069

HP 6608 Router Chassis
(JC177B)

\$7,500

HP 6604 Router Chassis
(JC178B)

\$4,750

HP 6602 Router Chassis
(JC176A)

\$16,459

Recommended service options

Care Pack #	Description	U.S. list price
UV943E	3 Yr Support Plus 24 (6616/6608/6604)	\$13,423
UV930E	3 Yr 4 hr/24x7 Onsite (6616/6608/6604)	\$11,394
HP820E	3 Yr Support Plus 24 (6602)	\$8,102
HP817E	3 Yr 4 hr/24x7 Onsite (6602)	\$6,860

Features and benefits

- 16-, 8-, 4-, and 2-slot routers with a complete portfolio of LAN and WAN interface modules and a hardware-based encryption engine
- Support for both narrowband and broadband convergence capability on the same platform, enabling service providers to implement high-speed parallel processing regardless of service stream type or packet size
- Innovative multicore and distributed architecture deliver industry-leading performance, aggregating capability, and advanced security for both enterprise and service provider networks
- Distributed processing architecture, isolated routing and service engines, and isolated control and service panels provide higher reliability and continual services
- Flexible deployment configurations include High-speed Interface Modules (HIMs), Multifunction Interface Modules (MIMs), and Open Application Architecture (OAA)-enabled modules that provide network customization and investment protection
- Excellent choices for carrier-class reliability in network, device, link, and service layers

Competing products

- Cisco ASR1000
- Juniper Networks MX320/MX960

HP MSR4000 Router Series



HP MSR4080 Router Chassis
(JG402A)

\$3,500

HP MSR4060 Router Chassis
(JG403A)

\$2,500

Recommended service options

Care Pack #	Description	U.S. list price
U0YV2E	3 Yr Support Plus 24 (MSR4080)	\$6,146
U0YU3E	3 Yr 4 hr/24x7 Onsite (MSR4080)	\$6,104
U0ZA9E	3 Yr Support Plus 24 (MSR4060)	\$4,314
U0ZA0E	3 Yr 4 hr/24x7 Onsite (MSR4060)	\$4,273

Features and benefits

- Up to 20 mpps forwarding performance; converged high-performance routing, switching, security, voice, mobility
- High reliability with separated hardware data plane and control planes and MPU and SPU
- Powerful aggregation capacity; integrated Giga WAN and 10GE LAN (SPU-200)
- HP Open Application Platform (OAP) modules deliver integrated partner services such as virtualization, UC&C, and application optimization
- Newest version of HP Comware software to help ensure high performance with concurrent services

Competing products

- Cisco ISR 3925/3925E, 3945/3945E Routers

HP MSR3000 Router Series



HP MSR3064 Router
(JG404A)

\$5,000

HP MSR3044 Router
(JG405A)

\$3,500

HP MSR3024 AC Router
(JG406A)

\$2,500

HP MSR3012 AC Router
(JG409A)

\$2,000

Recommended service options

Care Pack #	Description	U.S. list price
U0ZG6E	3 Yr Support Plus 24	\$3,239
U0ZF7E	3 Yr 4 hr/24x7 Onsite	\$3,197

Features and benefits

- Up to 5 mpps forwarding performance; converged high-performance routing, switching, security, voice, mobility
- Embedded security features with hardware-based encryption, firewall, NAT, and VPNs
- 1+1 power supply for redundancy, backup, and hot-swappable
- HP Open Application Platform (OAP) modules deliver integrated partner services such as virtualization, UC&C, and application optimization
- Zero-touch solution, single-pane-of-glass management

Competing products

- Cisco ISR 2901, 2911, 2921, and 2951 Routers

HP MSR2000 Router Series



HP MSR2003 AC Router
(JG411A)

\$1,000

Recommended service options

Care Pack #	Description	U.S. list price
U1AF4E	3 Yr Support Plus 24	\$216
U1AE5E	3 Yr 4 hr/24x7 Onsite	\$174

Features and benefits

- Unmatched flexibility and operational efficiency for small-to-medium enterprise branch offices, along with reduced complexity, simplified management, and increased control
- Up to 1 mpps forwarding performance; converged high-performance routing, switching, security, voice, mobility
- Industry-leading breadth of LAN and WAN connectivity options; 2 fixed GE ports, 3 SIC slots, 1 CON/AUX port and 1 USB console port; supports many existing SIC modules
- Embedded security features with integrated hardware-based encryption, firewall, and VPN
- Newest version of HP Comware software provides for a common level of features, service, and security policies across the entire network

Competing products

- Cisco ISR 1941, 1921 Routers

HP VSR1000 Virtual Services Router Series



HP VSR1008 Comware 7 Virtual
Services Router E-LTU
(JG813AAE)

\$1,250

HP VSR1001 Comware 7 Virtual
Services Router E-LTU
(JG811AAE)

\$500

HP VSR1004 Comware 7 Virtual
Services Router E-LTU
(JG812AAE)

\$850

Recommended service options

Care Pack #	Description	U.S. list price
UV735E	3 Yr 24x7 SW Support (VSR1008)	\$541
UV733E	3 Yr 24x7 SW Support (VSR1004)	\$427
UV729E	3 Yr 24x7 SW Support (VSR1001)	\$229

Features and benefits

- Industry's first Network Function Virtualization (NFV) technology
- Agile deployment across branch, data center, and cloud offload for small-to-medium workloads
- Easy to deploy and manage remotely for faster time to revenue
- Virtualized enterprise-class routing software for multi-tenant, hosted public clouds
- Extends enterprise routing policies to the cloud

Competing products

- Cisco Cloud Services Router (CSR)
- Brocade/Vyatta vRouter
- Juniper vRouter

HP MSR50 Series



HP MSR50-60 Router Chassis
(JF231A)

\$5,939

HP MSR50-40 Router Chassis
(JD433A)

\$2,739

HP MSR50-60 DC Router Chassis
(JF640A)

\$6,819

HP MSR50-40 DC Router Chassis
(JF285A)

\$2,569

Recommended service options

Care Pack #	Description	U.S. list price
UX173E	3 Yr Support Plus 24	\$5,753
UX170E	3 Yr 4 hr/24x7 Onsite	\$4,883

Features and benefits

- Multiservice modular chassis routers with a full portfolio of WAN, LAN, and voice interfaces deliver the functionality of multiple devices and appliances in a single platform
- Packet forwarding performance up to 600 kpps and encryption performance up to 600 Mb/s
- Embedded or integrated hardware-based encryption and voice processing for unparalleled security and convergence support
- In-line Power over Ethernet (PoE) to provision IP phones, wireless LAN (WLAN) access points, and IP security cameras as part of a unified branch office solution
- Hot-swappable modules and power supplies enable quick replacements without network interruption
- Comprehensive IPv4 and IPv6 routing for seamless migration
- Enterprise modular routers designed for large enterprise branches and regional offices as well as midsize businesses

Competing products

- Cisco ISR3800
- Cisco ISR3900
- Juniper J6530

HP MSR30 Series



HP MSR30-60 PoE Router
(JF804A)

\$6,259

HP MSR30-60 Router
(JF230A)

\$4,849

HP MSR30-60 DC Router
(JF801A)

\$6,169

HP MSR30-40 PoE Router
(JF803A)

\$4,979

HP MSR30-40 Router
(JF229A)

\$3,569

HP MSR30-40 DC Router
(JF287A)

\$4,889

HP MSR30-20 PoE Router
(JF802A)

\$3,519

HP MSR30-20 Router
(JF284A)

\$2,929

HP MSR30-20 DC Router
(JF235A)

\$3,929

HP MSR30-16 Router
(JF233A)

\$2,609

HP MSR30-16 PoE Router
(JF234A)

\$3,199

HP MSR30-11E Router
(JG182A)

\$1,731

HP MSR30-11F Router
(JG183A)

\$2,150

HP MSR30-10 Router
(JF816A)

\$1,459

HP MSR30-10 DC Router
(JG184A)

\$1,750

Recommended service options

Care Pack #	Description	U.S. list price
UX157E	3 Yr Support Plus 24	\$2,856
UX154E	3 Yr 4 hr/24x7 Onsite	\$2,442

Features and benefits

- Multiservice router series with a comprehensive portfolio of interface and module options for reliable, scalable LAN and WAN communications
- Embedded voice processing functionality provides advanced, high-performance analog and digital voice capabilities for delivering converged data, voice, and video
- Forwarding performance up to 250 kpps and encryption performance up to 240 Mb/s
- Flexible power options include AC, DC, and PoE
- Comprehensive IPv6 and IPv4 routing functionality ensures seamless migration
- Unmatched flexibility for enterprise branch/regional offices and service providers seeking enhanced business continuity and operational efficiency

Competing products

- Cisco ISR2800
- Cisco ISR2900
- Juniper J4350

HP MSR20 Series



HP MSR20-40 Router
(JF228A)

\$1,829

HP MSR20-20 Router
(JF283A)

\$959

HP MSR20-21 Router
(JD663B)

\$1,229

Recommended service options

Care Pack #	Description	U.S. list price
UW009E	3 Yr Support Plus 24	\$1,154
UW006E	3 Yr 4 hr/24x7 Onsite	\$988

Features and benefits

- Flexible, economical, full-featured multiservice routers with 10/100 LAN ports
- Full-featured, resilient routing platform, including IPv6 and MPLS, up to 180 kpps forwarding capacity, and 100 Mb/s encryption
- Embedded applications for business productivity, enhanced security, and performance acceleration enable users to meet networking objectives today and easily modify applications and services as their businesses evolve
- Flexible power options include AC, DC, PoE
- Unmatched flexibility for small branch offices and small-to-midsize businesses, along with reduced complexity, simplified management, and increased control

Competing products

- Cisco ISR1841
- Juniper J2350

HP MSR20-1x Series



HP MSR20-15-I-W Router
(JF238A)

\$1,619

HP MSR20-15-A Router
(JF237A)

\$1,339

HP MSR20-15-A-W Router
(JF809A)

\$1,599

HP MSR20-15-I Router
(JF236A)

\$1,329

HP MSR20-13 Router
(JF240A)

\$1,509

HP MSR20-13-W Router
(JF808A)

\$1,779

HP MSR20-13-W Router (NA)
(JG210A)

\$1,283

HP MSR20-12 Router
(JF241A)

\$1,419

HP MSR20-12-T Router
(JF806A)

\$1,429

HP MSR20-12-T-W Router (NA)
(JG209A)

\$1,220

HP MSR20-12-W Router
(JF807A)

\$1,689

HP MSR20-11 Router
(JF239A)

\$1,009

HP MSR20-10 Router
(JD431A)

\$819

Recommended service options

Care Pack #	Description	U.S. list price
UW009E	3 Yr Support Plus 24	\$1,154
UW006E	3 Yr 4 hr/24x7 Onsite	\$988

Features and benefits

- Economical, full-featured multiservice routers designed for converged WAN, wired, and wireless LAN traffic
- All-in-one box with WAN, LAN, wireless, voice, and firewall for simplified management and increased control
- Packet forwarding performance up to 160 kpps and encryption performance up to 30 Mb/s
- All models provide one 10/100 WAN, four 10/100 LAN ports, and one USB port
- IEEE 802.11b/g wireless access available in select models
- WAN connectivity on some models also includes T1, E1, G.SHDSL, ADSL2+ over POTS, and synchronous/asynchronous
- Integrated, concurrent services on a single, easy-to-manage platform for use at enterprise branch locations and small-to-midsized businesses

Competing products

- Cisco ISR1800
- Cisco ISR800
- Juniper J2320

HP MSR93x Series



HP MSR930 Router
(JG511A)

\$600

HP MSR930 3G Router
(JG513A)

\$1,300

HP MSR931 Router
(JG514A)

\$900

HP MSR931 3G Router
(JG515A)

\$1,400

HP MSR931 Dual 3G Router
(JG531A)

\$1,800

HP MSR930 4G LTE (Verizon)/3G
CDMA Router
(JG596A)

\$1,450

HP MSR930 4G LTE/3G WCDMA
Global Router
(JG665A)

\$1,450

HP MSR930 WLAN 802.11b/g/n
Router
(JG512A)

\$700

HP MSR933 4-pair G.SHDSL Router
(JG516A)

\$1,100

HP MSR933 4-pair G.SHDSL 3G
Router
(JG517A)

\$1,500

HP MSR935 ADSL 2+ ANNEX A/M
Router
(JG518A)

\$650

HP MSR935 ADSL 2+ ANNEX A/M
WLAN 802.11b/g/n Router
(JG519A)

\$950

HP MSR935 ADSL 2+ ANNEX A/M
3G Router
(JG520A)

\$1,280

HP MSR936 ADSL 2+ANNEX B/M
ISDN backup WLAN 802.11b/g/n
Wireless Router
(JG597A)

\$935

Recommended service options

Care Pack #	Description	U.S. list price
U8L72E	3 Yr Support Plus 24 (MSR930)	\$216
U8L67E	3 Yr 4 hr/24x7 Onsite (MSR930)	\$174
U8M10E	3 Yr Support Plus 24 (MSR931)	\$274
U8M05E	3 Yr 4 hr/24x7 Onsite (MSR931)	\$233
U0XT9E	3 Yr Support Plus 24 (MSR933)	\$216
U0XT0E	3 Yr 4 hr/24x7 Onsite (MSR933)	\$174
U0XZ6E	3 Yr Support Plus 24 (MSR935)	\$245
U0XY7E	3 Yr 4 hr/24x7 Onsite (MSR935)	\$203
U0YF3E	3 Yr Support Plus 24 (MSR936)	\$274
U0YE4E	3 Yr 4 hr/24x7 Onsite (MSR936)	\$233

Features and benefits

- High-performance small branch routers based on open standards deliver integrated routing, switching, security, SIP, and 300 kpps performance, in a compact, fixed form factor
- Embedded IEEE 802.11b/g/n WLAN connectivity
- Integrated 4G LTE and 3G (optional dual 3G WWAN), with traditional connection options including serial, ADSL2+ (Annex A/M, Annex B/J, over POTS or ISDN), 4-pair G.SHDSL, and WAN Gigabit Ethernet ports
- Comprehensive IPv4 and IPv6 routing, MPLS, QoS, embedded encryption, firewall, NAT, DVPN, GDVPN, security features
- Unified OS, zero-touch solution, and single-pane-of-glass management

Competing products

- Cisco ISR 800 Series Routers
- Huawei AR150 and AR200 Series Routers
- Juniper J-Series Routers

HP MSR900 Router Series



HP MSR900 Router
(JF812A)

\$499

HP MSR900-W Router
(JF814A)

\$689

HP MSR920 Router
(JF813A)

\$819

HP MSR920-W Router
(JF815A)

\$1,009

Recommended service options

Care Pack #	Description	U.S. list price
UY872E	3 Yr Support Plus 24 (MSR900)	\$274
UY869E	3 Yr 4 hr/24x7 Onsite (MSR900)	\$233
UY888E	3 Yr Support Plus 24 (MSR920)	\$342
UY885E	3 Yr 4 hr/24x7 Onsite (MSR920)	\$291

Features and benefits

- Multiservice routers with WAN, LAN, wireless, and firewall all in one box
- High-speed Layer 2 forwarding that expedites traffic across the network and eliminates bottlenecks, dropped calls, and jitter
- 3G uplinks provided through USB 3G modems
- Wi-Fi support provides WLAN access and user authentication
- Standards-based design for complete interoperability in multivendor environments
- Perfect appliance for delivering converged network solutions, including data, voice, and video
- Integrated wireless LAN (WLAN) solutions for small and midsize enterprises (SMEs) at a price that won't significantly impact their network infrastructure budgets

Competing products

- Cisco ISR 871/881



Management software

HP Advanced Services zl Modules



HP Advanced Services zl Module
with VMware vSphere platform
(J9748A)

\$4,399

HP Advanced Services zl Module
with Citrix XenServer platform
(J9747A)

\$4,499

Recommended service options

Care Pack #	Description	U.S. list price
U2K01E	3 Yr 4 hr/24x7 Proactive Care (Advanced Services zl Module with VMware vSphere)	\$2,376
U0N31E	3 Yr 4 hr/24x7 Onsite (Advanced Services zl Module with VMware vSphere)	\$1,774
U2J92E	3 Yr 4 hr/24x7 Proactive Care (Advanced Services zl Module with Citrix XenServer)	\$2,376
U0N19E	3 Yr 4 hr/24x7 Onsite (Advanced Services zl Module with Citrix XenServer)	\$1,774

Features and benefits

- Hosts one or multiple VMware-compatible networking or business applications inside the switch

Competing products

- Cisco services modules, application appliance boxes, PC servers

HP Intelligent Management Center (IMC)



HP IMC Basic Edition Software Platform with 50-node E-LTU (JG546AAE)

\$1,995

HP IMC Standard Software Platform with 50-node E-LTU (JG747AAE)

\$4,000

HP IMC Enterprise Software Platform with 50-node E-LTU (JG748AAE)

\$15,000

HP IMC Network Traffic Analyzer Software Module with 10-node E-LTU

(JF384AAE)

\$6,399

HP IMC User Authentication Management Software Module with 200-user E-LTU (JF388AAE)

\$2,739

HP IMC User Access Manager Software Module with 50-user E-LTU

(JG752AAE)

\$3,000

HP IMC User Behavior Auditor Software Module with 50-user E-LTU

(JG760AAE)

\$2,500

HP IMC QoS Manager Software Module E-LTU (JF408AAE)

\$15,539

HP IMC Endpoint Admission Defense (EAD) Software Module 50-user E-LTU

(JG754AAE)

\$3,000

HP IMC Wireless Service Manager Software Module with 50-Access Point E-LTU

(JF414AAE)

\$2,739

HP IMC MPLS VPN Software Module
with 50-node E-LTU
(JF410AAE)

\$21,939

HP IMC Voice Services Manager
Software Module with
100-phone E-LTU
(JF402AAE)

\$3,649

HP IMC IPSec VPN Manager
Software Module with
50-node E-LTU
(JG145AAE)

\$3,000

HP IMC Service Operation
Management Software
Module E-LTU
(JG139AAE)

\$30,999

HP IMC Branch Intelligent
Management System Software
Module w/50-node E-LTU
(JG265AAE)

\$4,199

HP IMC Intelligent Analysis Reporter
Software E-LTU
(JG138AAE)

\$7,995

HP IMC Application Performance
Manager Software Module with
25-monitor E-LTU
(JG489AAE)

\$7,995

HP IMC Service Health Manager
Software Module E-LTU
(JG398AAE)

\$5,995

HP IMC TACACS+ Authentication
Manager Software Module with
50-node E-LTU
(JG764AAE)

\$1,500

HP IMC Application Performance
Manager Software Module with
25-monitor E-LTU
(JG489AAE)

\$7,995

HP IMC Extended API E-LTU
(JG399AAE)

\$9,995

HP IMC VAN Connection Manager
Software Module with E-LTU
(JG494AAE)

\$9,995

HP IMC Remote Site Manager
Software Module License
with E-LTU
(JG495AAE)

\$749

HP Intelligent Management Center (IMC) (continued)

HP IMC Basic WLAN Manager
Software Platform with
50 Access Point E-LTU
(JG590AAE)
\$5,495

HP IMC Smart Connect Virtual
Appliance Edition E-LTU
(JG766AAE)
\$10,999

HP IMC Smart Connect w/WLAN
Manager Virtual Appliance
Edition E-LTU
(JG660AAE)
\$13,599

HP IMC Virtualization Monitor
Software with E-LTU
(JG547AAE)
\$2,995

HP IMC Wireless Services Manager
Components Location Service
Package E-LTU
(JG142AAE)
\$5,999

HP IMC MPLS TE Manager
Package E-LTU
(JG143AAE)
\$21,939

HP IMC DIG Software Probe E-LTU
(JF409AAE)
\$2,739

HP IMC VPLS/MPLS VPN Manager
Package E-LTU
(JF420AAE)
\$9,139

HP PCM+ to IMC Basic Software
Platform Upgrade with
50-node E-LTU
(JG548AAE)
\$995

HP IMC Wireless Service Manager /
Real-Time Spectrum Guard E-LTU
(JG816AAE)
\$2,499

HP IMC High Availability
Software E-LTU
(JG771AAE)
\$5,000

HP IMC Smart Connect with Wireless
Service Manager Virtual Appliance
Software E-LTU
(JG767AAE)
\$13,599

Recommended service options

For a complete listing of available software service options, please visit: hp.com/networking/carepacks

HP Intelligent Management Center (IMC) (continued)

Features and benefits

HP IMC Enterprise and Standard Edition Software Platforms

- Next-generation management software; provides a self-contained, comprehensive management platform with the flexibility and scalability to meet the needs of advanced enterprise networks
- Designed on a service-oriented architecture that effectively integrates disparate management tools, IMC utilizes hierarchical (requires Enterprise) or distributed deployment methods to provide complete management of network resources, services, and users. IMC supports the management of HP and third-party devices.

The following are additional modules available for the Intelligent Management Center platform:

HP IMC Virtual Application Networks Manager

- Provisions applications quickly by accelerating virtual machine deployments with a template-based approach for network automation

HP IMC Application Performance Manager

- Measures the health and performance of business applications

HP IMC Service Health Manager

- End-to-end health plus monitoring and assurance

HP IMC Remote Site Manager

- Comprehensive, efficient remote site management

HP IMC TACACS+ Authentication Manager

- Provides basic authentication, authorization, and accounting functions for network devices or users

HP IMC Extended API License

- Integrates third-party applications with IMC software's open and extensible SOA platform

HP IMC Network Traffic Analyzer Software

- Traffic analysis and visibility services for HP IMC

HP IMC User Behavior Software Module (requires NTA module)

- Behavioral audit service for HP IMC
- Intelligent logging and network analysis of internal users

HP IMC User Access Management Module

- Enhances networking security and network management with HP IMC
- Provides access control for users and device management, thus extending management to network users

HP IMC Endpoint Admission Defense (EAD) Software Module (requires UAM module)

- Provides robust Network Access Control (NAC) for HP IMC
- Helps companies use HP IMC to control and secure their mission-critical data

HP IMC Wireless Services Manager Plug-in

- Integrates wired and wireless enterprise network management solutions for HP IMC

HP IMC Voice Services Manager Software Module

- Secure, reliable, and managed IP telephony services for HP IMC

HP IMC MPLS VPN Manager Software

- MPLS VPN discovery, topology, monitoring, auditing, performance, and VPN deployment for HP IMC

HP IMC Quality of Service Manager Software

- Enables traffic classification and control, and service-level reporting for HP IMC

HP IMC Integration Kit for Network Node Manager

- Allows integration of HP IMC with HP Network Node Manager

Competing products

- Cisco LAN Management Suite (LMS)
- SolarWinds



Wireless

HP MultiService (MSM) Controller Series



HP MSM765zl Mobility Controller
(J9370A)

\$6,999

HP MSM760 Mobility Controller
(J9420A)

\$7,999

HP MSM760 Access Controller
(J9421A)

\$3,499

HP MSM720 Premium Mobility
Controller (WW)
(J9694A)

\$3,899

HP MSM720 Access Controller (WW)
(J9693A)

\$1,299

HP MSM720 TAA Premium
Mobility Controller
(J9696A)

\$4,099

HP MSM720 TAA Access Controller
(J9695A)

\$1,399

Recommended service options

Care Pack #	Description	U.S. list price
UQ604E	3 Yr Support Plus 24 (MSM765zl)	\$4,116
UQ602E	3 Yr 4 hr/24x7 Onsite (MSM765zl)	\$3,160
UQ655E	3 Yr Support Plus 24 (MSM760 Mobility Controller)	\$2,763
UQ654E	3 Yr 4 hr/24x7 Onsite (MSM760 Mobility Controller)	\$3,314
UQ655E	3 Yr Support Plus 24 (MSM760 Access Controller)	\$2,763
UQ654E	3 Yr 4 hr/24x7 Onsite (MSM760 Access Controller)	\$3,314
UOR04E	3 Yr Support Plus 24 (MSM720 and MSM720 TAA Premium Mobility Controller)	\$2,198
UOQ99E	3 Yr 4 hr/24x7 Onsite (MSM720 and MSM720 TAA Premium Mobility Controller)	\$1,719
UOQ64E	3 Yr Support Plus 24 (MSM720 and MSM720 TAA Access Controller)	\$1,562
UOQ59E	3 Yr 4 hr/24x7 Onsite (MSM720 and MSM720 TAA Access Controller)	\$1,220

HP MultiService (MSM) Controller Series (continued)

Features and benefits

- Optimized WLAN architecture reduces LAN traffic
- Manages IEEE 802.11 a/b/g and IEEE 802.11n MSM access points
- Delivers fast roaming and VoWi-Fi with rock-solid security
- Virtually control up to four MSM mobility controllers from a single IP address (available on MSM76x products)
- Mobility Traffic Manager connectivity ensures a user's network policies stay consistent (available on MSM76x products) wherever user is roaming
- N+1 redundancy for mobility controllers (available on MSM76x products)

Competing products

- Aruba MC200
- Aruba MC800
- Aruba 3200
- Aruba 3400
- Aruba 3600
- Cisco 2112
- Cisco 5508
- Cisco 3750G
- Ruckus ZD 1000
- Ruckus ZD 3000

HP 830 Unified Wired-WLAN Switch Series



HP 830 24-Port PoE+ Unified
Wired-WLAN Switch
(JG640A)

\$6,999

HP 830 8-Port PoE+ Unified
Wired-WLAN Switch
(JG641A)

\$4,099

HP 830 24-Port PoE+ Unified
Wired-WLAN TAA-compliant Switch
(JG646A)

\$7,399

HP 830 8-Port PoE+ Unified Wired-
WLAN TAA-compliant Switch
(JG647A)

\$4,499

Recommended service options

Care Pack #	Description	U.S. list price
U8M85E	3 Yr Support Plus 24 (830 24-Port PoE+)	\$2,452
U8M80E	3 Yr 4 hr/24x7 Onsite (830 24-Port PoE+)	\$2,384
U8N22E	3 Yr Support Plus 24 (830 8-Port PoE+)	\$1,143
U8N17E	3 Yr 4 hr/24x7 Onsite (830 8-Port PoE+)	\$1,109

Features and benefits

- Unified wired and wireless services suitable for small and medium branch offices deploying HP 10500/7500 20G Unified Wired-WLAN
- System-wide approach to WLAN reliability through Wi-Fi Clear Connect
- PoE+ switch capability relieves transmission bottlenecks at core of WLAN network
- Built-in IEEE 802.1X and portal authentication servers
- 8-port and 24-port versions provide edge-to-core unified access and consistent WLAN services

Competing products

- Cisco 3850
- Aruba 600

HP 10500/7500 20G Unified Wired-WLAN Modules



HP 10500/7500 20G Unified Wired-
WLAN TAA-compliant Module
(JG645A)
\$29,499

HP 10500/7500 20G Unified
Wired-WLAN Module
(JG639A)
\$27,999

Recommended service options

Care Pack #	Description	U.S. list price
U8M48E	3 Yr Support Plus 24	\$12,492
U8M43E	3 Yr 4 hr/24x7 Onsite	\$12,150

Features and benefits

- Enterprise-scale features, capacity, high reliability, and data processing capacity for wireless networks
- System-wide approach to WLAN reliability through Wi-Fi Clear Connect
- Flexible forwarding modes
- Refined user control and management, comprehensive RF management, security, IPv4/IPv6 dual stack, and end-to-end QoS
- Module easily deployed on Layer 2/3 networks without impact to existing configurations

Competing products

- Cisco WiSM 2 for 6500
- Aruba 7220

HP MSM 802.11n Dual Radio Access Point Series



HP MSM466 Dual Radio 802.11n
Access Point (AM)
(J9621A)**

\$999

HP MSM466-R Dual Radio 802.11n
Access Point (AM)
(J9715A)**

\$1,999

HP MSM466 Dual Radio 802.11n
Access Point (TAA)
(J9656A)**

\$1,049

HP MSM460 Dual Radio 802.11n
Access Point (AM)
(J9590A)

\$999

HP MSM460 Dual Radio 802.11n
Access Point (TAA)
(J9655A)

\$1,049

HP MSM430 Dual Radio 802.11n
Access Point (AM)
(J9650A)

\$699

HP MSM430 Dual Radio 802.11n
Access Point (TAA)
(J9654A)

\$749

** External antenna is required for operation and is sold separately.

Recommended service options

Care Pack #	Description	U.S. list price
UY962E	3 Yr Support Plus 24 (MSM466)	\$346
UY963E	3 Yr 4 hr/24x7 Onsite (MSM466)	\$277
UOR44E	3 Yr Support Plus 24 (MSM466-R/MSM466 TAA/ MSM460/MSM460 TAA)	\$674
UOR39E	3 Yr 4 hr/24x7 Onsite (MSM466-R/MSM466 TAA/ MSM460/MSM460 TAA)	\$523
UY968E	3 Yr Support Plus 24 (MSM430/MSM430 TAA)	\$290
UY967E	3 Yr 4 hr/24x7 Onsite (MSM430/MSM430 TAA)	\$222

Features and benefits

- APs with IEEE 802.11n near-Gigabit-Ethernet performance, beam-forming technology for enhanced coverage areas
- Dual radio 802.11n access points operate in the 2.4 GHz and 5 GHz bands, providing backward compatibility for IEEE 802.11a/b/g legacy client devices
- “Three-stream” solution: MSM466-R is industry’s first three-spatial-stream outdoor MIMO AP for outdoor coverage, point-to-point, and point-to-multipoint applications
- Up to 450 Mb/s per radio on MSM460, MSM466/466-R
- The MSM460 and MSM430 access points have embedded antennas; the MSM466 APs support a range of antennas, which are sold separately
- All APs use standard IEEE 802.3af PoE power, operate with or without wireless controller
- Provide rich WLAN services, indoors or outdoors, for locations from small offices to large enterprise campuses

Competing products

- Cisco 3600
- Cisco 3500
- Aruba AP135
- Aruba AP105

HP 425 802.11n Dual Radio Access Point Series



HP 425 Wireless Dual Radio
802.11n (AM) Access Point
(JG653A)
\$579

HP 425 Wireless 802.11n (AM)
8 Pack AP
(JG687A)
\$4,599

Recommended service options

Care Pack #	Description	U.S. list price
U1AK7E	3 Yr 4 hr Exchange Plus (425)	\$90
U1AL0E	3 Yr 4 hr/24x7 HW Onsite (425)	\$111
U1AS2E	3 Yr 4 hr Exchange Plus (425 8 Pack AP)	\$687
U1AS5E	3 Yr 4 hr/24x7 HW Onsite (425 8 Pack AP)	\$832

Features and benefits

- Dual radio offers two-spatial-stream access supporting 300 Mb/s per radio
- Supports embedded antennas as well as an optional external antenna
- Powered by IEEE 802.3af PoE or local power supply
- Comprehensive WLAN security with integrated wireless IDS and support for internal and external authentication, authorization, and accounting
- Industry-leading lifetime warranty 2.0 with 24x7 phone support for three years

Competing products

- Cisco 1042
- Aruba AP105
- Ruckus 7363

HP MSM 802.11n Access Point Series



HP MSM410 Access Point
(US) (J9426B)
(WW) (J9427C)

\$499

Recommended service options

Care Pack #	Description	U.S. list price
UN686E	3 Yr Support Plus 24	\$145
UN684E	3 Yr 4 hr/24x7 Onsite	\$111

Features and benefits

- IEEE 802.11a/b/g and 802.11n access points
- Investment protection: MSM access points can be deployed in either autonomous or controlled mode, allowing use of the same hardware as the network grows
- Powered by IEEE 802.3af PoE or optional power supply for deployment flexibility
- Single, dual, and tri radio access points for flexibility and choice
- Self-healing, self-optimizing local mesh extends network availability

Competing products

- Aruba AP-105
- Cisco Aironet 1140
- Ruckus ZF 7942

HP MSM317 Access Device Series



HP MSM317 Access Device

(US) (J9422A)

(WW) (J9423A)

\$349

Recommended service options

Care Pack #	Description	U.S. list price
UQ571E	3 Yr Support Plus 24	\$58
UQ568E	3 Yr 4 hr/24x7 Onsite	\$58

Features and benefits

- Fully managed 802.11b/g access point allows for easy configuration and administration using an HP MSM710, MSM720, MSM760, or MSM765 zL Access Controller
- Four-port 10/100 switch plus one pass-through port enables simplified deployment of voice, video, and data services to wired devices
- Powered by PoE, eliminating need for external power supply
- Compact form factor can be quickly and discretely installed in a standard wall outlet box

Competing products

- Ruckus ZoneFlex 7025

HP M111 Client Bridge Series



HP M111 Client Bridge
(J9389A)

\$329

Recommended service options

Care Pack #	Description	U.S. list price
UN658E	3 Yr Support Plus 24	\$68
UN657E	3 Yr 4 hr/24x7 Onsite	\$58

Features and benefits

- Bridges an Ethernet LAN segment to an IEEE 802.11 a/b/g WLAN, extending wireless network access to a wide range of DECnet, IPX, AppleTalk, and other devices
- Strong enterprise-class layered security features, including IEEE 802.1X PEAP authentication and up to WPA2 security, protect the network from intrusions
- Single IEEE 802.11 a/b/g access points
- 100 mW radio and antenna diversity provide excellent range

Competing products

N/A

HP RF Manager Mobility Security IDS/IPS System Series



HP RF Planner
(J9400A)

\$3,999

HP RF Manager Controller with
50-sensor license
(J9521A)

\$9,999

HP MSM415 RF Security Sensor
(J9522A)

\$899

HP RF Manager for VMware
50 Sensor E-LTU
(J9838AAE)[†]

\$6,499

Recommended service options

Care Pack #	Description	U.S. list price
UQ121E	3 Yr 24x7 SW Support (RF Planner)	\$1,362
UH198E	3 Yr Support Plus 24 (RF Manager Controller)	\$1,527
UH197E	3 Yr 4 hr/24x7 Onsite (RF Manager Controller)	\$1,279
UN686E	3 Yr Support Plus 24 (RF Security Sensor)	\$145
UN684E	3 Yr 4 hr/24x7 Onsite (RF Security Sensor)	\$111
UV747E	3 Yr 24x7 SW Support (RF Manager for VMware)	\$2,549

[†] Lifetime firmware warranty for as long as the customer owns the product.

Features and benefits

- Central management of security policies with flexibility to customize through site-specific guidelines
- Out-of-the-box and custom reports
- Predefined reports for HIPAA, PCI, Sarbanes-Oxley, Gramm-Leach-Bliley, and DoD Directive 1800.2 help you to identify and remedy security violations quickly
- Roles-based administrative rights
- Integrates with existing SNMP management systems
- Works with MSM access points with security sensor software
- Continuous monitoring of wireless environment with dedicated sensor
- HP RF Planner features patent-pending RF propagation model, graphical display of wireless LAN spillage, security coverage modeling, drag-and-drop functionality, and outdoor modeling capability

Competing products

N/A

HP M220 802.11n Access Point Series



HP M220 802.11n AM Access Point
(J9798A)

\$389

HP M220 802.11n WW Access Point
(J9799A)

\$389

Recommended service options

Care Pack #	Description	U.S. list price
U7T37E	3 Yr Support Plus 24	\$111
U7T30E	3 Yr 4 hr/24x7 Onsite	\$111
U7T27E	3 Yr 4 hr/13x5 Onsite	\$99
U7T43E	4 Yr 4 hr/24x7 Onsite	\$145
U7T41E	4 Yr 4 hr/13x5 Onsite	\$130

Features and benefits

- Operates in the 2.4 GHz or the 5 GHz bands; dual-band capability allows utilization of legacy wireless clients while providing an infrastructure that supports advanced IEEE 802.11n devices operating in the quieter 5 GHz band
- Versatile deployment using the IEEE 802.3af PoE capability, which allows mounting the M220 in locations where power cords cannot reach
- Fully compatible with the high-speed IEEE 802.11n wireless standard and backward-compatible for legacy IEEE 802.11a/b/g support
- Runs standalone or clustered for simplified administration of multiple APs
- With clustering, configuration changes automatically propagate across all M220 access points in your network; in addition clustering technology requires no wireless controller or additional hardware, enabling you to keep your network easily accessible yet secure

Competing products

- Cisco WAP321
- Cisco WAP121
- NETGEAR WNAP320
- D-Link DAP-2590

HP M200 802.11n Access Point



HP M200 802.11n Access Point (US)
(J9467A)

\$219

Recommended service option

Care Pack #	Description	U.S. list price
UY840E	3 Yr Support Plus 24	\$57
UY837E	3 Yr 4 hr/24x7 Onsite	\$55

Features and benefits

- Simple-to-use Web user interface helps you deploy your wireless network in minutes
- Operates in the 2.4 GHz or the 5 GHz bands
 - Dual-band capability allows utilization of legacy wireless clients while providing an infrastructure that supports advanced IEEE 802.11n devices operating in the quieter 5 GHz band
 - By operating IEEE 802.11n devices in the 5 GHz band, users get more bandwidth than is generally possible in the more commonly used 2.4 GHz spectrum, while still adhering to the IEEE standards
- Sensitive business data protected using enterprise-level security features
- Versatile deployment using the Powered by IEEE 802.3af PoE capability, which allows mounting of the M200 in locations where power cords cannot reach
- Up to 300 Mb/s signaling rate performance and support for up to 64 simultaneous mobile users provide support for demanding applications and growing small businesses

Competing products

- Cisco WAP4410N
- NETGEAR ProSafe WNDAP330
- D-Link DAP-2553



IP telephony/ UC

HP 4110 and HP 4120 IP Phone Series



HP 4110 IP Phone
(J9765A)
\$239

HP 4120 IP Phone
(J9766B)
\$299

Recommended service options

Care Pack #	Description	U.S. list price
HT049E	3 Yr NBD Parts Exch	\$15

Features and benefits

- Standalone, cost-effective, and mainstream Microsoft® Lync-optimized phones that are ideal for deployment in common areas or desktops
- Delivers rich presence; clear, high-definition audio; and seamless plug-and-play functionality
- Microsoft Office 365 integration supported
- Supports “better together” mode
- Power over Ethernet (PoE) connectivity
- Standalone operation in Lync environment
- Dual Gigabit ports allow Gigabit Ethernet connectivity as well as “hot desking” capability
- Flexible mounting options

Competing products

- Aastra 6721ip
- Aastra 6725ip
- Polycom CX500
- Polycom CX600

HP 350x IP Phone Series



HP 3500 IP Phone
(JC504A)

\$139

HP 3500B IP Phone
(JC505A)

\$119

HP 3502 IP Phone
(JC507A)

\$259

HP 3503 IP Phone
(JC508A)

\$359

Recommended service options

Care Pack #	Description	U.S. list price
UW129E	3 Yr NBD Exchange	\$25

Features and benefits

- The full-featured, SIP-based HP 350x IP Phone Series meets the diverse communications needs of organizations of all sizes with a full range of call-handling features and functionality that encourage collaboration and increase productivity
- All phones support digital labeling, IEEE 802.3af Power over Ethernet (PoE), and four-way navigation controls
- All but the 3500B phone have backlit LCD displays; 3503 phones are available with high-resolution backlit, color TFT displays
- All 350x phones deliver rich, wideband voice clarity with full-duplex speaker phones
- All 350x series IP phone models offer two switched Gigabit Ethernet ports, except for the 3500B model, which supports 10/100 connectivity; the second port is used as a PC pass-through port that supports handling and passing of IEEE 802.1X EAP packets
- All 350x series IP phones support configurable energy conservation options that include both a screen-saver capability and a deep-sleep power-save mode
- All 350x series IP phones require a software keycode license (sold separately) to activate; 350x phones will work with legacy VCX 7.x, 8.x, and 9.0 IP phone licenses, along with 9.5+ IP phone licenses, as long as the VCX system is running software version 9.5 and later

Competing products

- | | |
|---------------------|-------------------|
| • Cisco 3900 Series | • ShoreTel IP115 |
| • Cisco 6900 Series | • ShoreTel IP230 |
| • Cisco 7900 Series | • ShoreTel IP560G |
| • Cisco 8900 Series | • ShoreTel IP565G |

HP MSR Survivable Branch Communication Modules



HP MSR Small Survivable Branch
Communication MIM Module
powered by Microsoft Lync
(JG587A)

\$2,499

HP MSR Large Survivable Branch
Communication FIC Module
powered by Microsoft Lync
(JG589A)

\$4,999

HP MSR Medium Survivable Branch
Communication MIM Module
powered by Microsoft Lync
(JG588A)

\$4,299

Recommended service options

HP MSR Communication Modules are covered by the Care Pack services on the MSR hardware.

Features and benefits

- Powered by Microsoft Lync for survivable branch services such as external phone call capability and internal peer-to-peer communications
- Combines Microsoft Lync survivable branch application and HP software
- Integrated media gateway supports T1/E1, FXS/FXO
- Toll bypass and least-cost call routing support
- Powerful management interface

Competing products

- Audiocodes Mediant 800
- Audiocodes Mediant 1000
- Audiocodes Mediant 2000
- Sonus SBC1000
- Sonus SBC2000
- Ferrari Electronic OfficeMaster SBA

This page intentionally left blank.

This page intentionally left blank.

For more information, visit
[**hp.com/networking**](http://hp.com/networking)

For training and certification information, visit
[**hp.com/networking/training**](http://hp.com/networking/training)

For support information, visit
[**hp.com/networking/support**](http://hp.com/networking/support)

For services information, visit
[**hp.com/networking/services**](http://hp.com/networking/services)

© Copyright 2008–2013 Hewlett-Packard Development Company, L.P.
The information contained herein is subject to change without notice.
The only warranties for HP products and services are set forth in the
express warranty statements accompanying such products and services.
Nothing herein should be construed as constituting an additional warranty.
HP shall not be liable for technical or editorial errors or omissions
contained herein.

Microsoft is a U.S. registered trademark of Microsoft Corporation.

4AA1-6237ENUC, October 2013, Rev. 5

