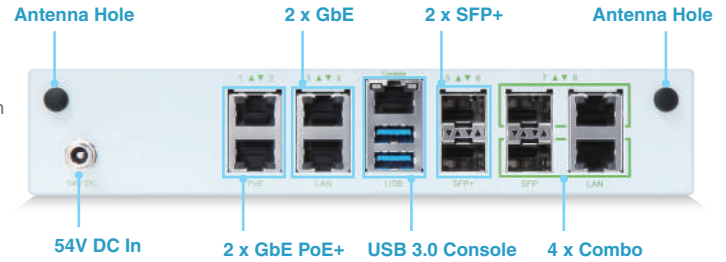




ANS-9A44F/42F

Compact System with Intel Atom® C3758R(8C) / C3558R(4C) Processor for SD-WAN solution



ANS-9A44F/42F series builds on Intel Atom® C3758R / C3558R processor with up to eight CPU cores. ANS Denverton series is a compact system with up to 2xSFP+, 2x GbE ports, 2x GbE PoE+ ports and 4x Combo ports, it is suitable for SDN (SD-WAN) application with 5G and WiFi 6 deployment.

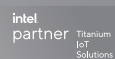
FEATURES

- Intel Atom® C3758(8C)/ C3558R(4C) Processor
- 2x 10Gb SFP+, 2x GbE RJ45, 2x GbE RJ45 PoE+, 4x Combo Ports
- 1x RJ45 Console, 2x USB 3.0
- 2 x DDR4 1866 MT/s ECC and non-ECC SO-DIMM up to 32GB
- 1x TPM2.0(on-board)
- 2x M.2 Key-E Slot(PCIe/ USB2.0), 2x M.2 Key-B Slot(PCIe/ USB3.0), 1x SATADOM
- Design ready for 5G and WiFi 6 (802.11ax)
- Compact design 2 in 1U rackmount



ORDERING GUIDE

| | |
|-----------------|---|
| AS1-3322 | (R).ANS-9A44F. C3758R 8-Core. 16GB eMMC, 2x PoE+, 2x GbE, 2x SFP+, 2x Combo Port. |
| AS1-3323 | (R).ANS-9A42F. C3558R 4-Core. 16GB eMMC, 2x PoE+, 2x GbE, 2x SFP+, 2x Combo Port. |



General

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|-----------|---|
| Processor | - Intel Atom® C3758R(8C) for ANS-9A44F - Intel Atom® C3558R(4C) for ANS-9A42F |
| BIOS | AMI UEFI BIOS |
| Memory | 2 x DDR4 1866 MT/s ECC & non-ECC SO-DIMM up to 32GB |
| Storage | - eMMC 5.0 16GB (Optional) - 1x SATA III port for SATADOM |
| Expansion | - 2x M.2 Key-E slot with PCIe and USB2.0 signals - 2x M.2 Key-B slot with PCIe and USB3.0 signals - 4x SIM slots - PCIe 4 slot |
| Security | TPM 2.0 |

External I/O

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|----------------|--|
| Console | 1x RJ45 |
| USB | 2x USB 3.0 |
| Ethernet | 2x GbE RJ45 (Intel I211), 2x SFP+ (From Intel Denverton) |
| PoE+ Ethernet | 2x GbE RJ45 PoE+ (Intel I211) |
| Combo Ethernet | 2x GbE RJ45(Marvell 88E1543), 2x SFP (Marvell 88E1543) |
| Other | 6x SMA Antenna holes for WiFi or LTE/5G module |

Power Adapter

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|--------|--|
| System | 120W Power Adapter, 110-220V AC input, 54V DC output |
|--------|--|

Mechanical

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|-----------|-------------------------------|
| Dimension | 215 (W) x 180 (D) x 42 (H) mm |
| Mounting | Desk, Wall mount |

Environmental

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|---------------------------------|--|
| Operating Temperature | 0°C ~ 40°C |
| Storage Temperature | -10°C ~ 70°C |
| Relative Humidity Certification | 10% ~ 90% @40°C, non-condensing CE, FCC, LVD |