

# PUZZLE-3034



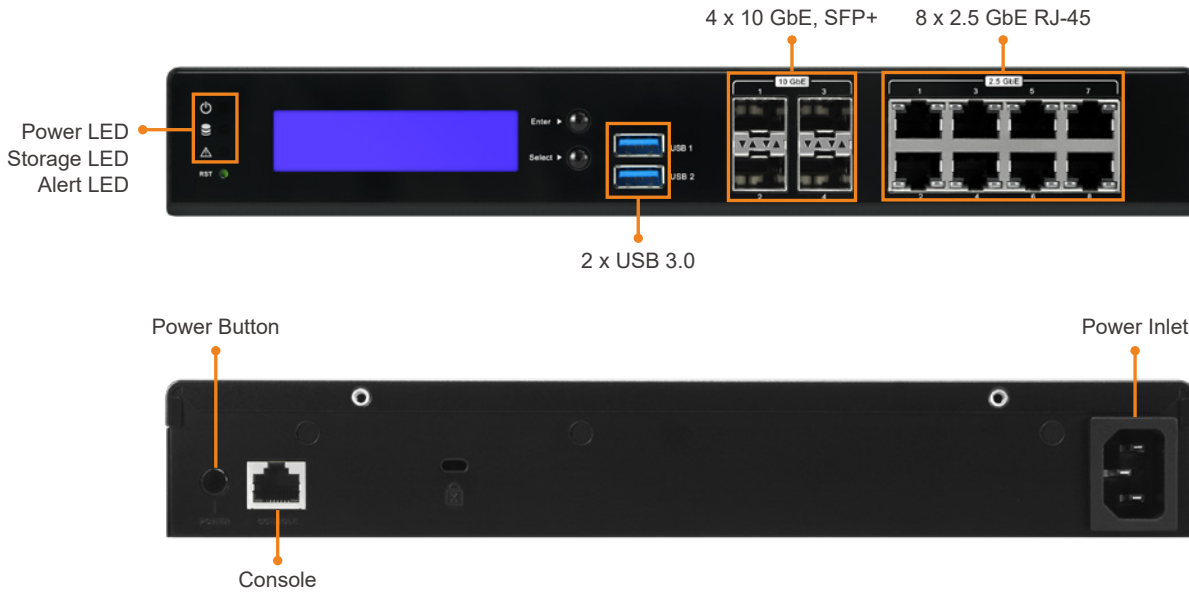
## Features

- Intel® Atom® C3758R 8C/8T (16M Cache, 2.4 GHz)
- 2 x DDR4 2400 MHz non-ECC UDIMM
- 8 x 2.5GbE RJ-45 LAN ports, 4 x 10 GbE SFP+
- 1 x RJ-45 console, 2 x USB 3.0
- SATA DOM, 64GB eMMC

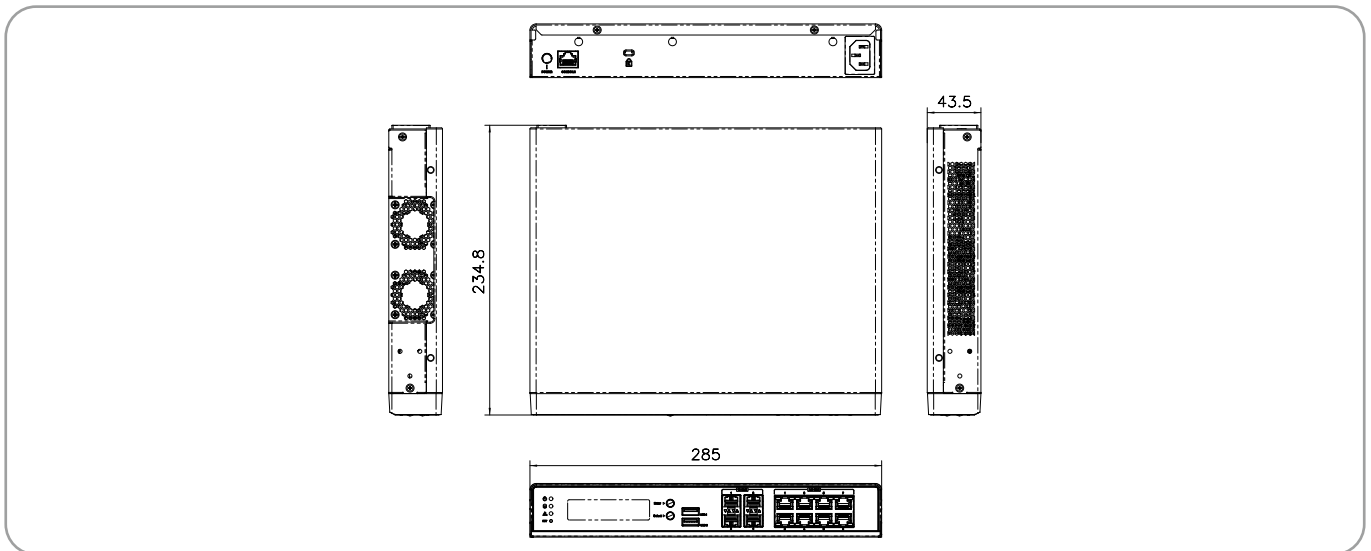
## Specifications

		PUZZLE-3034
Platform	Form Factor	Desktop
	CPU	Intel® Atom® C3758R 8C/8T (16M Cache, 2.4 GHz)
	Chipset	Intel® Denverton-R
Memory	Memory Technology	2 x DDR4 2400 MHz Non-ECC UDIMM Default: 2 x UDIMM 8G
	Memory Capacity	Up to 64GB (based on DIMM capacity)
	Memory Socket	2 x 288-pin DIMM
Network and Security	Network acceleration and Security function	Intel® AES New Instructions Intel® Memory Protection Extensions (Intel® MPX) Intel® Trusted Execution Technology Intel® QuickAssist Technology (Intel® QAT)
Networking	Ethernet IC	Intel 2.5GbE KT1225V SLNMH
	Ethernet Port	8 x 2.5 GbE RJ-45 LAN ports 4 x 10 GbE, SFP+
Expansion Slot	M.2	1 x 2242 B key slot for M.2 SATA 1 x 3052 B key slot + SIM card socket for 5G/LTE card 2 x 2280 M key slots for NVMe
Storage	eMMC	64GB eMMC
External I/O	USB	2 x USB 3.0
	Console	1 x RJ-45
Power and Mechanical	Power Switch	1 x Power button
	Reset Button	1 x Reset button
	Power Input	100 V ~ 240 V
	Type/Watt	Open-frame DPS-60AP-5 D; Vin: 90 ~ 264VAC; 70W
	Processor Cooling	1 x Passive CPU heatsink
	System Cooling	2 x Cooling fans
	Antenna Port	3 x Antenna hole (reserved)
Physical and Environmental	Storage Temperature	-10°C ~ 50°C
	Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
	Operating Humidity	5% ~ 90% non-condensing
	Dimensions (W x H x D) (mm)	46.65 x 285 x 236.6
Supported OS and Certifications	Certification	CE, FCC, VCCI, RCM
	Supported OS	Linux Ubuntu 18.04
Indicators	LCM	16 x 2 character with control keys
	LED	1 x Power LED, 1 x Storage LED, 1 x Alert LED

## IO Interface



## Dimensions (Unit: mm)



## Ordering Information

Part No.	Description
PUZZLE-3034	Desktop network appliance with Intel® Atom® C3758R 8C/8T (16M cache, 2.4 GHz), two DDR4 2400 MHz non-ECC UDIMM, eight 2.5GbE RJ-45 LAN ports, four 10 GbE SFP+, one RJ-45 console, two USB 3.0 (support UPS equipment only), SATA DOM, 64GB eMMC

## Packing List

	PUZZLE-3034
Power cord	1
Rack mounting ears	2
Screw for rack mounting ears	6

## Options

	Part No.	Description
USB to console cable	32013-004000-100-RS	ROUND Cable; LAN Cable; FTDI Console Cable; 2; 1800MM; (A)USB A TYPE 4P MALE+PCB:FTDI_FT232RL; (B)RJ-45 8P8C; RoHS
RS-232 to console cable	32005-005100-100-RS	ROUND Cable; RS-232/422/485; PUZZLE RS-232 Cable; 2; 500MM; 24AWG; (A)D-SUB 9P MALE+#4-40 Screw; (B)RJ-45 8P8C; ONE PCS PKG; TC&C; RoHS