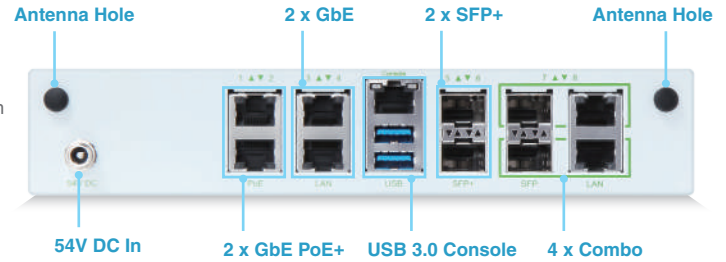




# ANS-9A44F/42F

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.

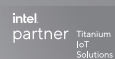
## FEATURES

- 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

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



## General

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

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

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

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

## Environmental

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