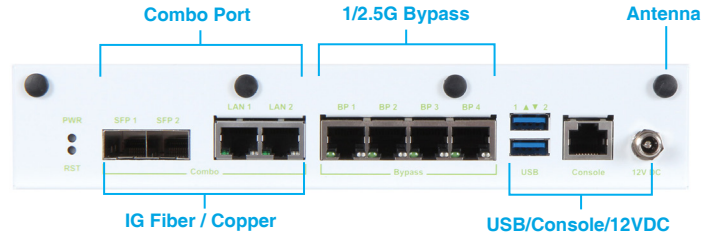




ANS-9142S

Compact System with Intel® Denverton C3436L(4C) / C3338R(2C) Processor for SD-WAN Solution



ANS-9142S series builds on Intel® Denverton C3436L / C3338R processor with up to four CPU cores. ANS Denverton Refresh series is a compact system with up to 2x combo ports, and 4x 1/2.5GbE ports with ETH bypass, it is suitable for SDN (SD-WAN) application with 5G and WiFi 6 deployment.

FEATURES

- Intel Atom® C3436L(4C) / C3338R(2C) Processor (Denverton Refresh)
- 2x GbE ports and 2x 2.5GbE ports with ETH bypass, 2x Combo Ports
- 1x RJ45 Console, 2x USB3.0
- 1 x DDR4 1866 MT/s ECC and non-ECC SO-DIMM up to 32GB
- 1x TPM2.0(on-board)
- 1x M.2 Key-E Slot (PCIe/ USB2.0), 1x M.2 Key-B Slot (PCIe/ USB3.0), 1x M.2 Key-M (SATA), and 1 x SATA Connector
- Design ready for 5G and WiFi 6 (802.11ax)



ORDERING GUIDE

AS1-3388	(R).ANS-9142S. C3436L 4-Core. 2x 2.5GbE bypass, 2x GbE bypass, 2x Combo Port.
AS1-3387	(R).ANS-9141S. C3338R 2-Core. 2x 2.5GbE bypass, 2x GbE bypass, 2x Combo Port.

General

Processor	- Intel® Denverton C3436L(4C) for ANS-9142S - Intel® Denverton C3338R(2C) for ANS-9141S
BIOS	AMI UEFI BIOS
Memory	1 x DDR4 1866 MT/s ECC & non-ECC SO-DIMM up to 32GB
Storage	- eMMC 5.0 16GB (Optional) - 1x M.2 Key-M slot with SATA signals - 1x SATA III port for SATADOM
Expansion	- 1x M.2 Key-E slot with PCIe and USB2.0 signals - 1x M.2 Key-B slot with PCIe and USB3.0 signals - 2x SIM slots
Security	TPM 2.0

External IO

Console	1x RJ45
USB	2x USB 3.0
Ethernet	- 2x Combo GbE (Marvell 1543) - 2x GbE with bypass - 2x 2.5GbE with bypass
Combo Ethernet	- 2x GbE RJ45(Marvell 88E1543) - 2x SFP (Marvell 88E1543)
Other	8x SMA Antenna holes for WiFi or LTE/5G module

Power Adapter

System	40W/65W Power Adapter, 110-220V AC input, 12V DC output
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Mechanical

Dimension	227 (W) x 189 (D) x 42 (H) mm
Mounting	Desk, Wall mount

Environmental

Operating Temperature	0°C ~ 50°C
Storage Temperature	-10°C ~ 70°C
Relative Humidity	10% ~ 90% @ 40°C, non-condensing
Certification	CE, FCC, LVD



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