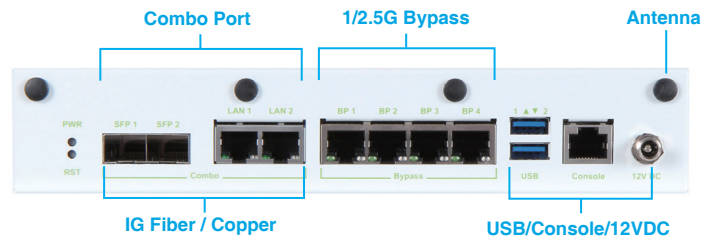




# ANS-9142S

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 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
- 1x 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

## General

|           |                                                                                                                        |
|-----------|------------------------------------------------------------------------------------------------------------------------|
| Processor | - Intel® Denverton C3436L(4C) for ANS-9142S<br>- 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)<br>- 1x M.2 Key-M slot with SATA signals<br>- 1x SATA III port for SATADOM                  |
| Expansion | - 1x M.2 Key-E slot with PCIe and USB2.0 signals<br>- 1x M.2 Key-B slot with PCIe and USB3.0 signals<br>- 2x SIM slots |
| Security  | TPM 2.0                                                                                                                |

## External IO

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

## Power Adapter

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

## 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                   |

## 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. |



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