# ANS-9A44S

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

42mm

183mm

289mm

Console

Antenna

Dual 12VDC

SFP+

2.5G Bypass

6 | 5G | PoE+ | 1 GbE | 10.0 Gbit/s | Combo Port
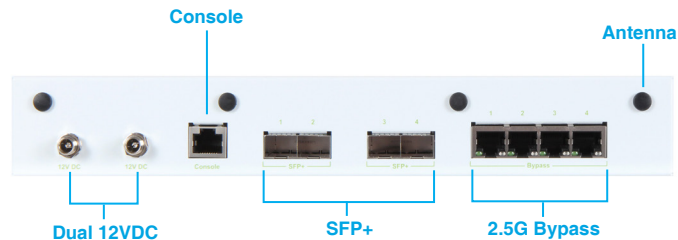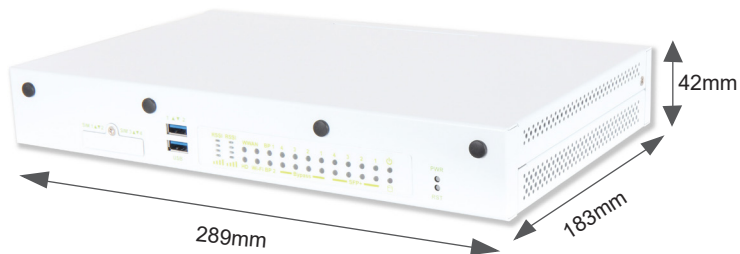
ANS-9A44S series builds on Intel® Denverton C3758R / C3558R processor with up to eight CPU cores. ANS Denverton Refresh series is a compact system with up to 8x ETH ports and it is suitable for SDN (SD-WAN) application with 5G and WiFi 6 deployment.

## FEATURES

- Intel Atom® C3758R(8C) / C3558R(4C) Processor (Denverton Refresh)
- 4x SFP+, and 4x 2.5GbE RJ45 with ETH bypass
- 1x RJ45 Console, 2x USB3.0
- 2 x DDR4 2400 MT/s ECC and non-ECC SO-DIMM up to 64GB
- 1x TPM2.0 (on-board)
- 1x M.2 Key-E Slot (PCIe/ USB2.0) or M.2 Key-B Slot (PCIe/ USB3.0) choose one of the two
- 1x M.2 Key-B Slot (PCIe/ USB3.0), 1x M.2 Key-M Slot (SATA), 1x SATA connector, and 1 x PCIe x 4
- Design ready for 5G and WiFi 6 (802.11ax)

## ORDERING GUIDE

| | |
|---|---|
| AS1-3385 | (R). ANS-9A44S. C3758R 8-Core, 4x 2.5GbE Bypass, 4x SFP+ |
| AS1-3386 | (R). ANS-9A42S. C3558R 4-Core, 4x 2.5GbE Bypass, 2x SFP+ |

## General

| | |
|---|---|
| Processor | - Intel® Denverton C3758R(8C) for ANS-9A44S<br>- Intel® Denverton C3558R(4C) for ANS-9A42S |
| BIOS | AMI UEFI BIOS |
| Memory | 2 x DDR4 2400 MT/s ECC & non-ECC SO-DIMM up to 64GB |
| Storage | - 1x SATA III port for SATADOM, M.2 Key-M storage |
| Expansion | - 1x M.2 Key-E slot with PCIe and USB2.0 signals or 1x M.2 Key-B slot with PCIe and USB3.0 signals<br>- 1x M.2 Key-B slot with PCIe and USB3.0 signals<br>- 1x PCIe x4<br>- 4x SIM slots |
| Security | TPM 2.0 |

## External IO

| | |
|---|---|
| Console | 1x RJ45 |
| USB | 2x USB 3.0 |
| Ethernet | - 4x 2.5GbE RJ45 with ETH bypass (Intel I226)<br>- 4x SFP+ (Intel Denverton Refresh) |
| Other | 8x SMA Antenna holes for WiFi or LTE/5G module |

## Power Adapter

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

## Mechanical

| | |
|---|---|
| Dimension | 289 (W) x 183 (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 |

*All information provided is subject to change without notice. Last updated: November 8, 2024