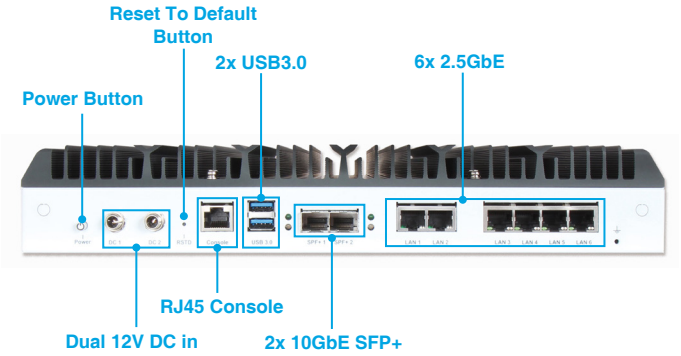
# ANS-7A44E

## Fanless Desktop Platform with AMD V3000 V3C18I processor and six 2.5GbE plus two 10GbE Ports for SD-WAN Solution



Fanless | Wide Temperature | TPM | LAN Bypass | M2 | DDR 5 | 5G | 2.5G | 6 | 10.0 Gbit/s

## FEATURES

- Fanless Desktop with wide-range operating temperature
- AMD V3C18I processor series with 8 cores and 16 threads.
- 2x DDR5 SO-DIMM 4800MT/s Memory Up to 64GB
- 2x M.2 Key-M 2242/2280 slots
- 6x 2.5GbE RJ45 with 2-pair bypass and 2x 10GbE SFP+
- 2x M.2 Key-B, 3042/3052 with 2x Micro SIM + 1x M.2 Key A-E 2230/3042 (PCIe + USB 2.0)

## General

| | |
|---|---|
| Processor | AMD V3000 V3C14/V3C16/V3C18I processors, TDP 15W |
| BIOS | AMI BIOS |
| Memory | 2x DDR5 SO-DIMM up to 64GB |
| Storage | 1x M.2 Key M 2242/2280 Slot (PCIe x4) |
| | 1x M.2 Key M 2242/2280 Slot (PCIe x4 or SATA) |
| Expansion | 2x M.2 Key-B 3042/3052 slot with 2x Micro SIM |
| | 1x M.2 Key A-E 2230/3042 slot with PCIe and USB 2.0 signals |
| Security | TPM 2.0 |

## External IO

| | |
|---|---|
| Console | 1x RJ45 Console |
| USB | 2x USB 3.2 Gen1x2 (10Gbps) |
| Ethernet | 6x 2.5GbE RJ45 (Intel I226) and 2x 10GbE SFP+ |
| | Two pairs of LAN bypass |

## Power Adapter

| | |
|---|---|
| System | Dual 12VDC outputs with 90W Power Adapter, 110-220V AC input |

## Mechanical

| | |
|---|---|
| Dimension | (W x D x H) 330 x 205 x 55 mm |
| Mounting | Desktop |

## Environmental

| | |
|---|---|
| Operating Temperature | Temperature: -20 ~ 50°C (-4 ~ 122°F) by SKU |
| | Temperature: 0 - 40°C (32 - 104°F) by SKU |
| Storage Temperature | Temperature: -40 ~ 70°C (-40 - 158°F) |
| Relative Humidity | Humidity: 10 - 90% RH, non-condensing |
| Certification | CE/FCC Class B |
| OS | Linux |

## Optional CPUs

| Model | Cores/Threads | Base Freq. / 1T Boost Freq | L2 Cache | TDP |
|---|---|---|---|---|
| AMD V3C14 | 4C/8T | 2.3GHz (3.8GHz) | 2MB | 10-25W |
| AMD V3C16 | 6C/12T | 2.1GHz (3.8GHz) | 3MB | 10-25W |
| AMD V3C18I | 8C/16T | 1.9GHz (3.8GHz) | 4MB | 10-25W |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