

AND-DNV3N1

Intel® Denverton Platform, Desktop Networking Appliance



Features

- Intel® Denverton C3000 Platform
- 1 x SO-DIMM DDR4
- Fanless Design



Specification

System

CPU	Intel® Atom® C3308/C3558 Processor (2/4 core)
Chipset	Intel® Denverton SoC
Memory	1 x SO-DIMM DDR4
BIOS	AMI
WatchDog Timer	Software programmable 0~255 sec.

Ethernet

Chipset	Intel® i210
Connector	For C3308 sku: 4 x GbE Copper (RJ-45) For C3558 sku: 4 x GbE Copper (RJ-45) 2 x 10GbE Fiber (SFP+)
LAN Bypass	1 x pair

Storage

SSD Bay	1x 2.5" SSD bay
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I/O

Console port	1 x Serial console (RJ-45),
USB port	2 x USB 2.0/3.0
Antenna port	5 x SMA for WLAN (IEEE 802.11a/b/g/n/ac)
GPIO	8-bit GPIO (4-In, 4-Out), on-board pin header
Expansion	1 x Mini PCIe Socket, For WiFi5 (for C3558) 1 x M.2B Socket with dual SIM sockets

Others

Battery	Lithium Battery, 3V 220mAH (CR2032)
Hardware Monitoring	CPU Volt. CPU & SYS Temp.
Security	TPM 2.0 (Infineon chipset)
QAT & DPDK	Support QAT & DPDK

Power Requirement

Power Supply Unit	12V(40W)
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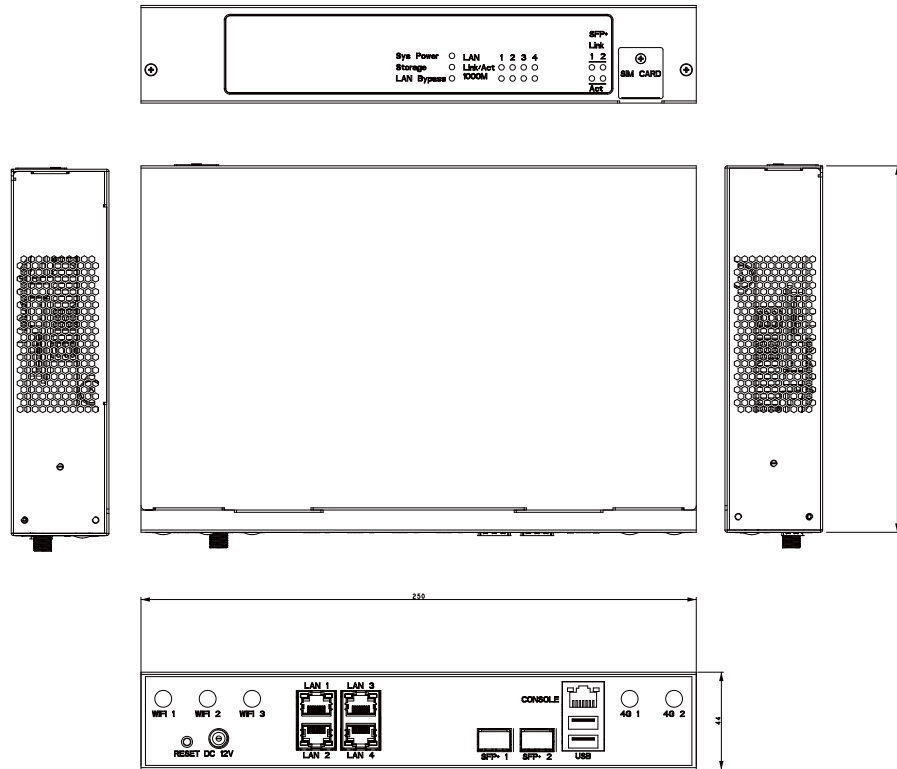
Software

OS Support	Linux Kernel 4.8 or above, (64-bit)
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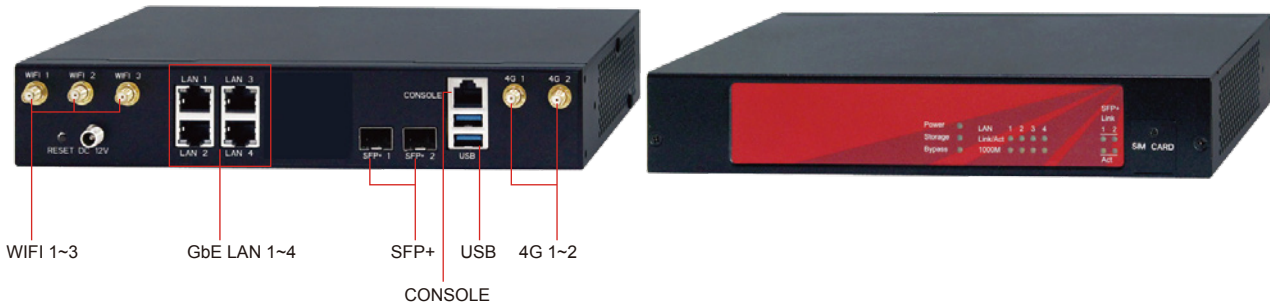
Mechanical & Environment

Dimensions	250 (W) x 44 (H) x 165 (D) mm
Operating Temp.	0~ 40°C (32~104°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90% @40°C, non-condensing
Certifications	CE, FCC Class A, RoHS 2, cULus

Dimensions



I/O Connectors



Packing List

- AND-DNV3N1-system x 1
- SATA cable x 1
- Power adapter x 1
- Screw kit x 1 set Power adapter x 1

Optional accessory kit

- DDR4 16G : Certified DDR4 16GB 3200MHz RAM
- DDR4 8G : Certified DDR4 8GB 3200MHz RAM
- DDR4 4G : Certified DDR4 4GB 3200MHz RAM
- 4G Module : 4G Module with 1 Antenna
- WiFi & Bluetooth Module : WiFi & BT Module with 3 Antennas
- Power cord : USA / EU / JPN / UK power cord

Ordering Information

AND-DNV3N1-02	Desktop Networking Appliance Intel® Denverton-NS platform 4 x GbE Copper 40W AC Adppter 1x 2.5" SSD Bay, 2x USB 2.0 1x M.2 B key socket for 4G
AND-DNV3N1-04F	Desktop Networking Appliance Intel® Denverton-NS platform 4 x GbE Copper : 2x 10GbE Fiber 40W AC adapter 1x 2.5" SSD Bay, 2x USB 3.0 1x Mini PCIe socket for WiFi 1x M.2 B key socket for 4G or SSD