

AND-DNV3A

Intel® Denverton Platform, Desktop Networking Appliance



Features

- Intel® Denverton C3000 Platform
- 4/8 core SoC
- 1 x SO-DIMM DDR4
- 1 x 2.5" SSD Bay
- Fanless Design(For AND-DNV3A2)



Specification

System

CPU	Intel® Atom® C3558/C3758 Processor (4/8 core)
Chipset	Intel® Denverton SoC
Memory	1 x SO-DIMM DDR4
BIOS	AMI
WatchDog Timer	Software programmable 0~255 sec.

Ethernet

Chipset	Intel® I210IS
Connector	6 x GbE Copper (RJ-45) 2 x GbE Fiber (SFP) 2 x 10GbE Fiber (SFP+)

Storage

HDD Bay	1 x 2.5" SATA-III port
EMMC	Optional on board eMMC 32GB or 64GB
NVME	M.2 M key socket for 2242/2260/2280 NVME SSD (For A3)

I/O

Console port	1 x Serial console (RJ-45),
USB port	2 x USB 3.2 Gen1
Expansion	1 x M.2 Socket for optional WiFi module . 1 x M.2 B key socket for 4G/5G module, support dual SIM sockets.



Others

Battery	Lithium Battery, 3V 220mAh (CR2032)
Hardware Monitoring	CPU Volt. CPU & SYS Temp.
QAT & DPDK	Support QAT & DPDK

Power Requirement

Power Supply Unit	12V DC input 40/60W AC Adapter
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Software

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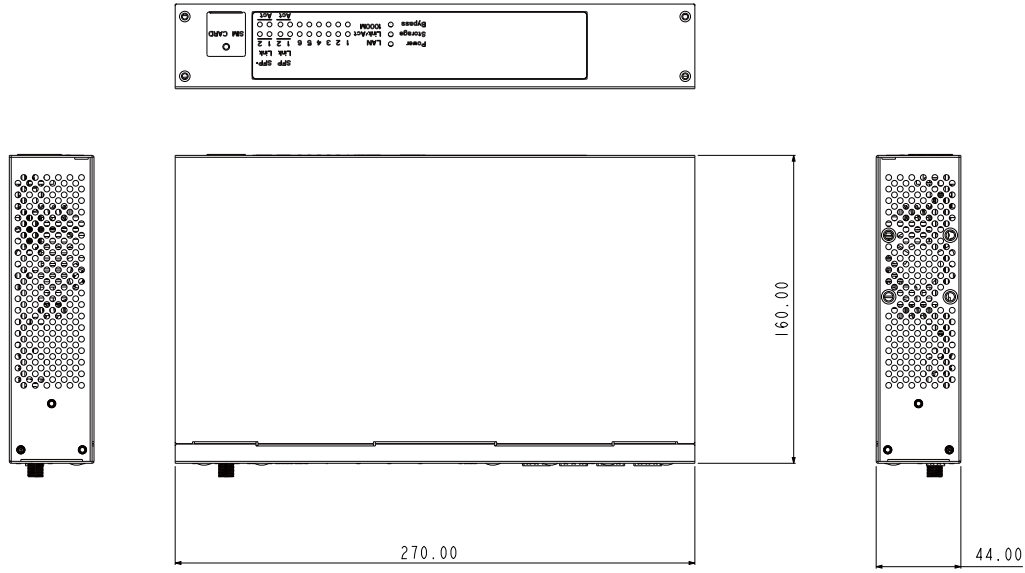
Mechanical & Environment

Dimensions	270 (W) x 44 (H) x 160 (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,

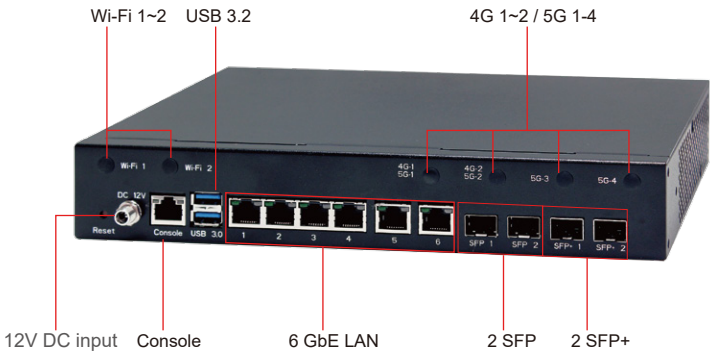
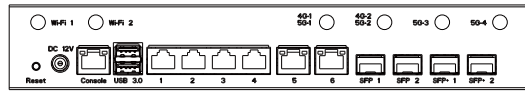
Model Name

AND-DNV3A2	Desktop Networking Appliance Intel® Atom C3558 SoC 6 x GbE Copper 2 x SFP, 2 x SFP+ 40W AC Adapter
AND-DNV3A3	Desktop Networking Appliance Intel Atom C3758 SoC 6x GbE Copper 2x SFP, 2x SFP+ 60W AC Adapter

Dimensions



I/O Connectors



Packing List

- AND-DNV3A-system x 1
- SATA cable x 1
- USA / EU / JPN / UK / AS / NZS / SA / power cord x 1
- Box packing x 1
- Screw for bracket (HDD bracket)

Ordering Information

AND-DNV3A2	Desktop Networking Appliance Intel® Atom C3558 SoC 6 x GbE Copper 2 x SFP, 2 x SFP+ 40W AC Adapter
AND-DNV3A3	Desktop Networking Appliance Intel Atom C3758 SoC 6x GbE Copper 2x SFP, 2x SFP+ 60W AC Adapter