

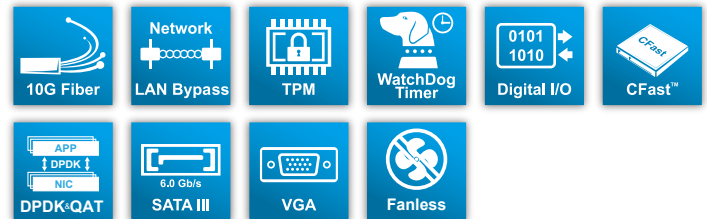
AND-DNV3N3

Intel® Denverton Platform, PoE Desktop Networking Appliance



Features

- Intel® Denverton C3000 Platform
- 2~8 core SoC options
- 1/2 x SO-DIMM DDR4
- 1 x 2.5" SSD, & 1 x CFAST
- smart cooling fan(C3758)
- Fanless Design (C3338, C3558)
- Dual DC-in for redundancy



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(40 or 60W),54V(150W)for PoE
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Software

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

Dimensions	300 (W) x 44 (H) x 201 (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

Model Name

AND-DNV3N3-02/04/08	Desktop Networking Appliance Intel® Denverton-NS platform 8 x GbE Copper 2/4 x SFP+,Optional PoE AC Adapter
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Specification

System

CPU	Intel® Atom® C3758 Processor (8 core) Intel® Atom® C3558 Processor (4 core) Intel® Atom® C3338 Processor (2 core)
Chipset	Intel® Denverton SoC
Memory	1 x SO-DIMM DDR4(C3338) 2 x SO-DIMM DDR4(C3558,C3758)
BIOS	AMI
WatchDog Timer	Software programmable 0~255 sec.

Video

Video Interface	VGA
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Ethernet

Chipset	Intel® i210, X553
Connector	8 x GbE Copper (RJ-45) 2/4 x 10GbE Fiber (SFP+)for(C3558/C3758) 6 x GbE PoE Copper (RJ-45)(optional)
LAN bypass	One Pair

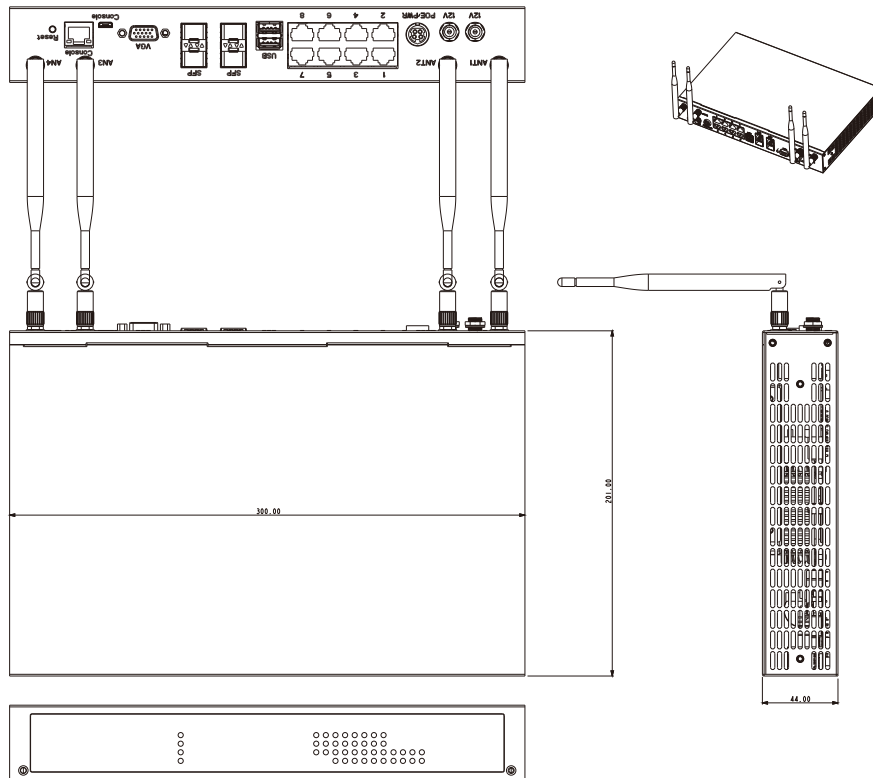
Storage

HDD Bay	1 x 2.5" SATA-III port
CFAST	1 x CFAST socket
M.2 NVME	1 x M.2 2280 socket (C3758 only)

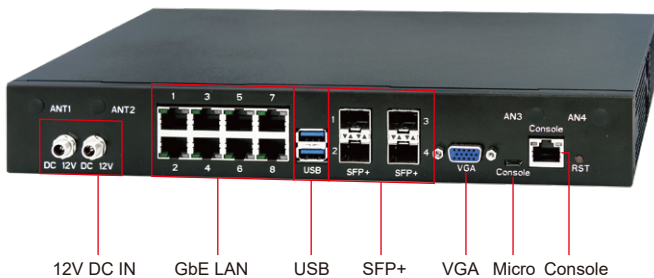
I/O

Console port	1 x Serial console (RJ-45), 1 x USB console (micro-USB)
USB port	2 x USB 3.0
Antenna port	4 x SMA for WLAN (IEEE 802.11a/b/g/n/ac)&4GLTE
GPIO	8-bit GPIO (4-In, 4-Out), on-board pin header
Expansion	2 x Mini PCIe Socket, one with SIM Socket

Dimensions



I/O Connectors



Packing List

- AND-DNV3N3-system x 1
- SATA cable x 1
- CD utility x 1
- Console cable (RJ-45 to DB9) x 1
- USA / EU / JPN / UK / AS / NZS / SA / India power cord x 2
- Box packing x 1
- Screw for bracket (for rack + HDD bracket) x 14

Ordering Information

AND-DNV3N3-02	Intel Atom® C3338(2-core) SoC, 8GbE Copper (1-pair bypass), 2 USB 3.0, 1x2.5" SATAIII, 1xCFast, 2xmPCIe socket (for WLAN and 4G LTE), 1VGA and 2x DC-In
AND-DNV3N3-04	Intel Atom® C3558(4-core) SoC, 8GbE Copper (1-pair bypass), 2xSFP+, 2 USB 3.0, 1x2.5" SATAIII, 1xCFast, 2x mPCIe socket (for WLAN and 4G LTE), 1VGA and 2x 12V DC-In
AND-DNV3N3-04P	Intel Atom® C3558(4-core) SoC, 8GbE Copper (1-pair bypass & 6xPoE), 2x SFP+, 2 USB 3.0, 1x2.5" SATAIII, 1xCFast, 2x mPCIe socket (for WLAN and 4G LTE), 1VGA and 2x 12V DC-In and 48V DC-In.
AND-DNV3N3-08	Intel Atom® C3758(8-core) SoC, 8GbE Copper (1-pair bypass), 4 SFP+, 2 USB 3.0, 1VGA, 1x2.5" SATAIII, 1xCFast, 1xM.2(for NVME SSD) 2x mPCIe socket (for WLAN and 4G LTE), 1VGA and 2x 12V DC-In