

ANR-DNV3N3-8C

1U Rackmount IoT Gateway/Network Micro Server Intel® Denverton Platform With 1 Exp. NIM



Features

- Intel® Denverton C3000 Platform
- 8 core SoC
- 2 x UDIMM DDR4
- 1 x Exp. NIM (1G/10G/25G/40G Fiber/Copper/LAN Bypass)
- 1 x 2.5"(Drive Bay), 1 x CFast
- 2 x smart cooling fan



Specification

System

CPU	Intel® Atom® C3758 Processor
Chipset	Intel® Denverton SoC
Memory	2 x ECC DIMM DDR4
BIOS	AMI
WatchDog Timer	Software programmable 0~255 sec.

Ethernet

Chipset	Intel® I210, I211, X553
Connector	8 x GbE Copper (RJ-45) 4 x SFP+

Storage

HDD Bay	1 x 2.5" SATA-III(brive bay)
CFast	1 x CFast socket

I/O

Console port	1 x Serial console (RJ-45)
GPIO	8 bit GPIO (4-In, 4-Out), on-board pin header
Exp. NIM	1 x Exp. NIM Hot-swappable (1G/10G/25G/40G, Fiber/Copper/LAN Bypass)

Others

Battery	Lithium Battery, 3V 220mAH (CR2032)
Hardware Monitoring	CPU Volt. CPU & SYS Temp. FAN Speeds
Security	Chassis Intrusion Detection
QAT & DPDK	Support QAT & DPDK

Power Requirement

Power Supply Unit	ATX PSU 100-240VAC
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Software

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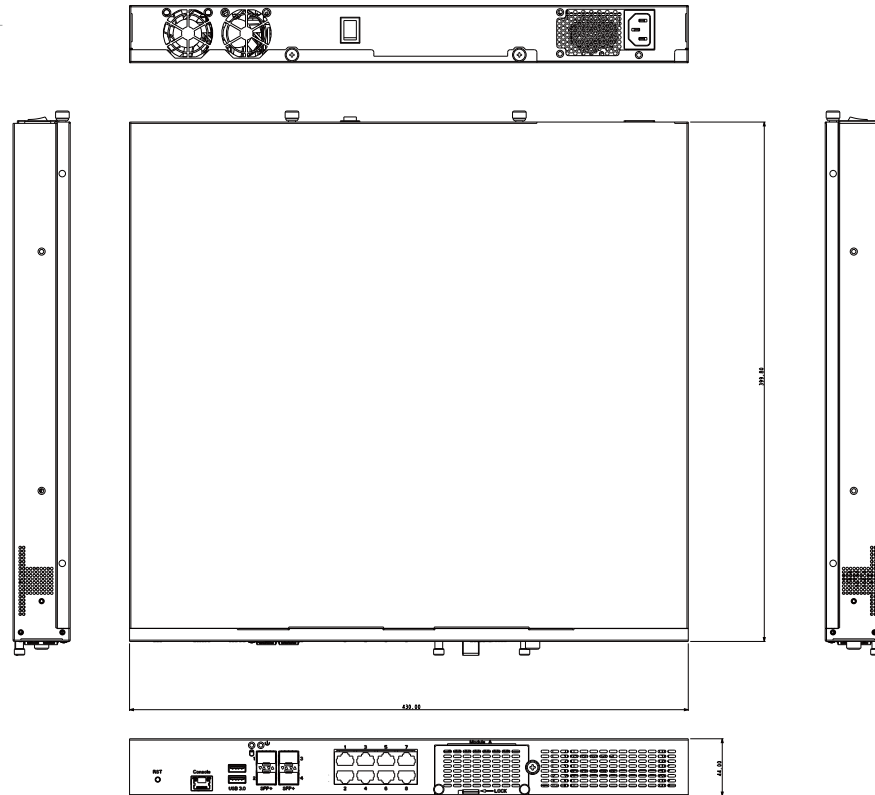
Mechanical & Environment

Dimensions	430 (W) x 44 (H) x 400 (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

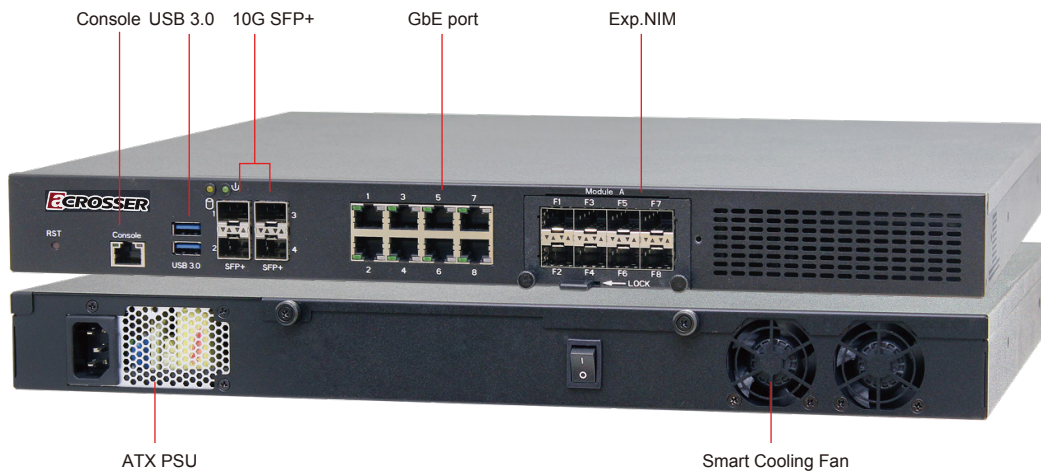
Model Name

ANR-DNV3N3-8C	1U Rackmount IoT Gateway/Network Micro Server .Intel® Denverton-NS platform .1 x Exp. NIM (1G/10G/25G/40G, Fiber/Copper/LAN Bypass) .8 x GbE, 4 x SFP+ .ATX PSU
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Dimensions



I/O Connectors



ANR-DNV3N3-8C

Packing List

- ANR-DNV3N3-8C system x 1
- Console cable (RJ-45 to Serial) x 1
- Rackmount bracket
- CD with Driver and Manual
- USA / EU / JPN / UK / AS / NZS / SA / India power cord x 1
- Screw Pack x 1
- Screw Pack

Ordering Information

ANR-DNV3N3-8C Intel Atom C3758 (8core) Soc, 8 GbE Copper, 4 SFP+, 1NIM, 2 USB 3.1, 1x2.5" SATA III, ATX PSU.