

AND-DNV3B

Intel® Atom® C3000 Processor, 6 2.5GbE, 2SFP, 2SFP+ Networking Appliance



Features

- Intel® Atom® C3338R/C3558/C3758 Processor
- Support 1 x DDR4 ECC SODIMM
- Support 6 x 2.5GbE, 2 x 1GbE SFP, 2 x 10GbE SFP+
- Support 1-pair Bypass
- Optional 3G, 4G LTE, 5G, WiFi And WiFi 6



Specification

System

CPU	Intel® Atom® C3338R, 2C2T, 1.89GHz Intel® Atom® C3558, 4C4T, 2.20GHz Intel® Atom® C3758, 8C8T, 2.2GHz
Chipset	Intel® SoC
Memory	1 x DDR4 ECC SODIMM
BIOS	AMI
WatchDog Timer	Software programmable 0~255 sec

Ethernet

Chipset	Intel® I226, I210IS
Connector	6 x GbE RJ-45 & 2 x SFP(B1) 6 x GbE RJ-45 & 2 x SFP & 2 x 10GbE SFP+(B2&B3)
LAN bypass	1-pair LAN Bypass

Storage

Storage Device	1 x 2.5" SATA Storage 1 x M.2 2242/2280 B key
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I/O

I/O connector	6 x GbE RJ-45 & 2 x SFP 2 x 10GbE SFP+ (C3558 & C3758 SKU) 2 x USB 3.0 1 x RJ45 Type Console 1 x DC-in DC Jack connectors(12V) 10 x Antenna holes Reset Button LED Indicators 2 x External Easy Access SIM Slots
Expansion	1 x M.2 2230 E key(For Install WiFi Module) 1 x M.2 3042/3052 B key(For Install 4G/5G Module) 1 x M.2 2242/2280/3042/3052 B key(Could Install SATA Storage/4G/5G Module) * For B1, default signal is SATA signal, you could change to signal from SATA to USB under BIOS setting
OS support	Linux Kernel 5.15 LTS & above, (64-bit)

Others

TPM	Support TPM 2.0
QAT&DPDK	Support QAT&DPDK
Cooling	Fanless : C3338R, C3558 System Fan : C3758

Mechanical & Environment

Dimensions	270 x 160 x 44mm (W x D x H)
Weight.	2.4Kg

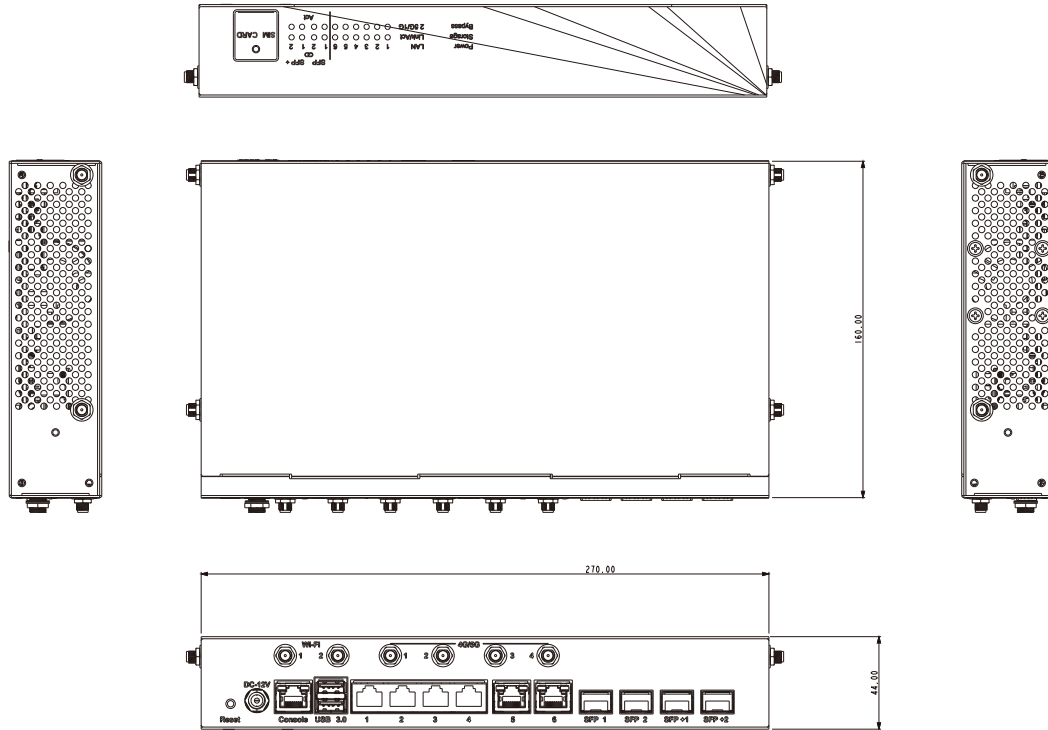
Power Supply

DC input	DC Jack, 12Vdc 40W Adapter or DC Jack, 12Vdc 60W Adapter
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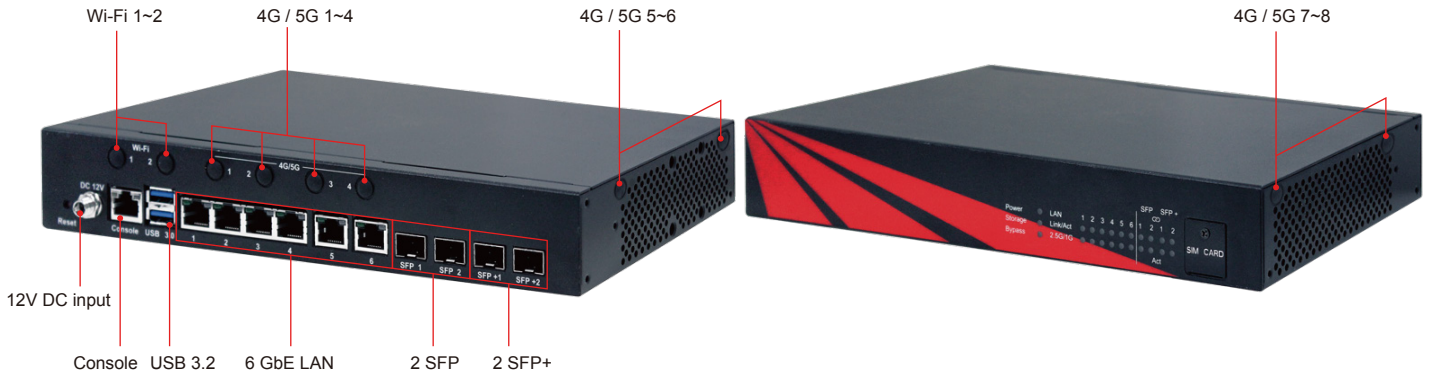
Model Name

AND-DNV3B1	Intel® Atom® C3338R 6 x 2.5GbE Copper 2 x SFP Include 12V 40W Adapter
AND-DNV3B2	Intel® Atom® C3558 6 x 2.5GbE Copper 2 x SFP, 2 x SFP+ Include 12V 40W Adapter
AND-DNV3B3	Intel® Atom® C3758 6 x 2.5GbE Copper 2 x SFP, 2x SFP+ Include 12V 60W Adapter

Dimensions



I/O Connectors



Packing List

- AND-DNV3B-system x 1
- Power Adapter(12V) x 1
- USA/EU/JPN/UK/AS/NZS/SA power cord x 1
- Screw Pack x 1

Optional Accessories

- DDR4
- WiFi module
- WiFi6 module
- 4G Module
- 5G Module

Ordering Information

AND-DNV3B1	Intel® Atom® C3338R 6x 2.5GbE Copper 2x SFP Include 12V 40W Adapter
AND-DNV3B2	Intel® Atom® C3558 6x 2.5GbE Copper 2x SFP, 2x SFP+ Include 12V 40W Adapter
AND-DNV3B3	Intel® Atom® C3758 6x 2.5GbE Copper 2x SFP, 2x SFP+ Include 12V 60W Adapter