

AND-DNV3Bx-SD

Industrial Desktop Network Security
Appliance with Intel® Atom™
C3338R/C3558/C3758 Processor



Features

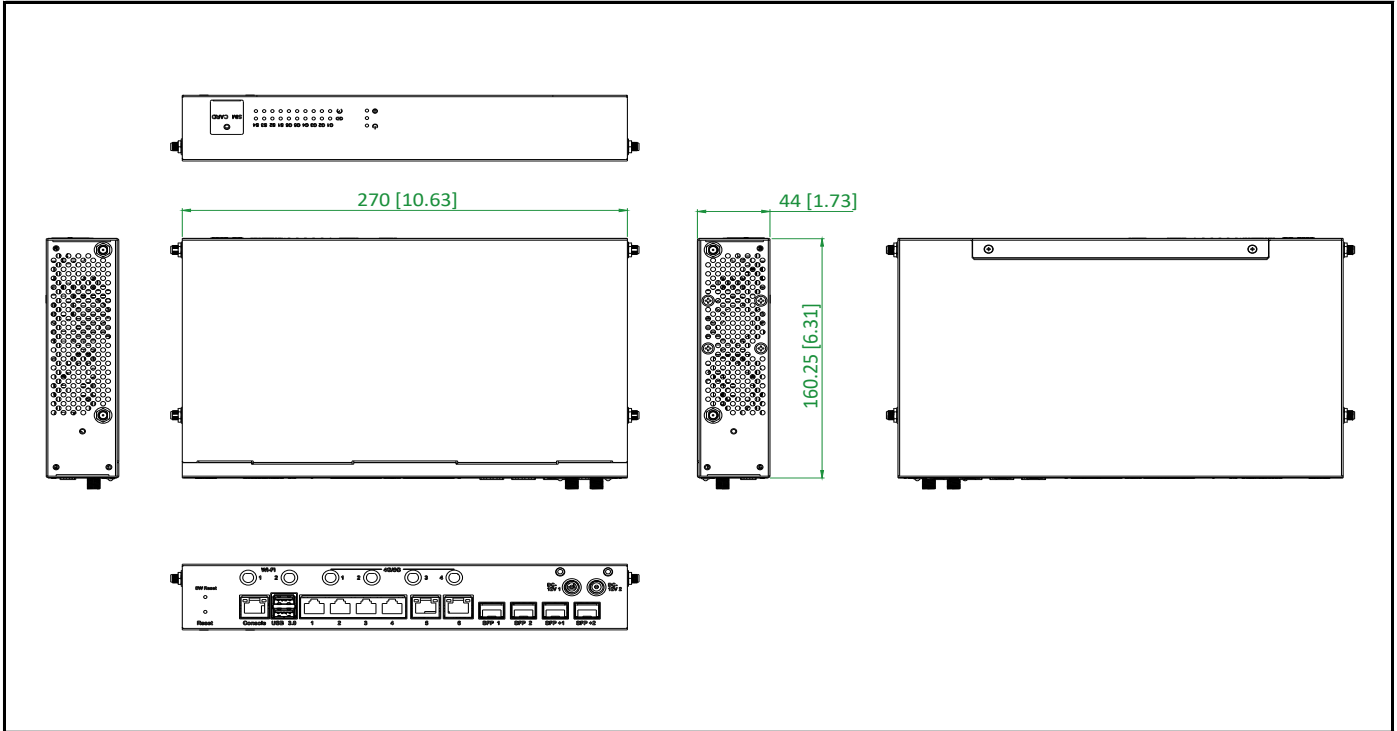
- Intel® Atom™ C3558/C3758 Processor
- 1 x DDR4 SODIMM
- Optional 12 VDC single power/dual power
- Support LAN, SFP, SFP+, USB, Bypass
- Support QAT&DPDK
- Smart Fan

Specifications

System		Interface	
CPU	Intel® Atom® C3558/C3758 Processor Intel® SoC	Serial Port	--
Memory	1 x DDR4 SODIMM	CAN Bus	--
Storage	1 x 2.5" Internal HDD Bay 1 x B-Key 2280, SATA SSD 1 x B-Key 2242, SATA SSD	Ethernet	6 x RJ45 Intel® I226V 2.5GbE LAN 2 x Intel® I210IS GbE Fiber (SFP) 2 x 10GbE Fiber (SFP+)
Real time clock	Yes	USB	2 x USB 3.0, (Type A)
Security	TPM 2.0	DI/DO	--
Thermal Design	Smart Fan	AI/AO	--
Operating System	Linux Kernel 5.15 LTS & above (64-bit)	Display	--
Support Protocol	Support QAT&DPDK	Audio	--
Power Requirement		PoE	--
Input Voltage	12 VDC	Indicators	8 x Ethernet Link/Act Green LED 8 x Ethernet 1G Green/Orange LED 2 x Ethernet 10G Link/Act Green LED 3 x Sys Power LED 1 x Storage LED 1 x LAN Bypass LED
Power Consumption	40W/60W		
Power Connector	1 or 2 x 5.5mm x 2.5mm DC input		
Environmental and Mechanical			
Dimension	270 x 160 x 44 mm (10.63" x 6.31" x 1.73")	Expansion Slot	1 x M.2 E-key 2230 1 x M.2 B-key 3042/3052, USB 2.0/3.0 1 x M.2 B-key 2280, SATA+USB 2.0/3.0 (M.2 B-key Shared with storage)
Weight	1.2 kg		
Mouting/Installation	--		
Operating Temperature	0 ~ 40 °C (32 ~ 104 °F)	SIM Slot	2 x SIM Card Holder
Storage Temperature	-20 ~ 80 °C (-4 ~ 176 °F)	Antenna	10 x External Antenna holes
Operating Humidity	5% ~ 95% relative humidity (RH), non-condensing	Console port	1 x Console RJ-45
Certification		Other Interface	1 x LAN bypass
Regulations	CE, FCC, RoHs		

Dimension

Unit: mm / inch



Ordering Information

Packing List

- 1 x System
- 1 or 2 x Power Adapter
- 1 x SATA & SATA power cable
- 1 x Screw Pack

Part Number

2AND-DNV3B2-S-01	Intel® Atom® C3558 6 x 2.5GbE, 2 x SFP, 2 x SFP+, 1 x DC-IN 40W
2AND-DNV3B3-S-01	Intel® Atom® C3758 6 x 2.5GbE, 2 x SFP, 2 x SFP+, 1 x DC-IN 60W
2AND-DNV3B2-SD-01	Intel® Atom® C3558 6 x 2.5GbE, 2 x SFP, 2 x SFP+, 2 x DC-IN 40W
2AND-DNV3B3-SD-01	Intel® Atom® C3758 6 x 2.5GbE, 2 x SFP, 2 x SFP+, 2 x DC-IN 60W

Optional Accessories

Part Number / Item

8GB RAM	Memory DDR4 8 GB SODIMM
16GB RAM	Memory DDR4 16 GB SODIMM
32GB RAM	Memory DDR4 32 GB SODIMM
Wi-Fi Module	Wi-Fi Module mPCIe with Antenna
4G LTE Module	4G LTE Module M.2 3042 with Antenna
5G Module	5G Module M.2 3052 with Antenna
Power cord	US/EU Power cord