

AND-DNV3A

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



Features

- Intel® Denverton C3000 Platform
- 4/8 core SoC
- 1 x 2.5" SSD Bay
- 1 x SODIMM DDR4
- Smart fan

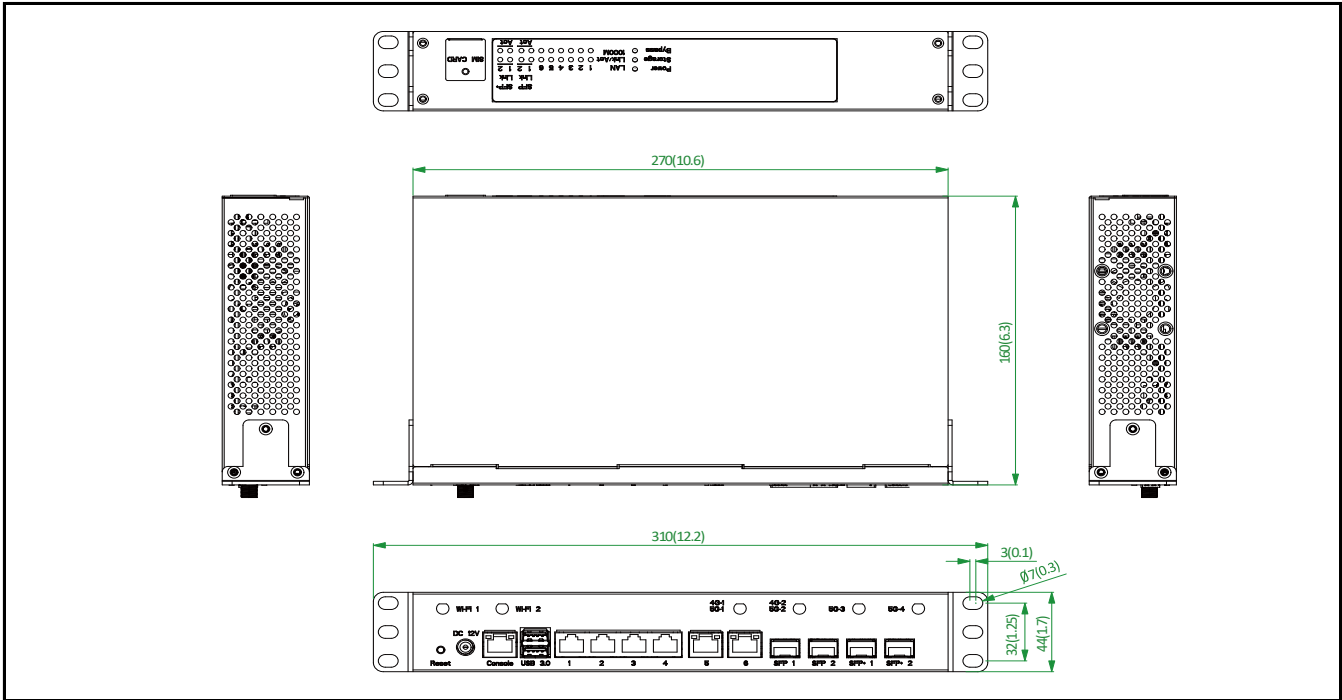
Specifications

System	
CPU	Intel® Atom® C3558/C3758
Chipset	Intel® Denverton SoC
Memory	1 x SODIMM DDR4
BIOS	AMI
WatchDog Timer	Software programmable 0 ~ 255 sec.
Ethernet	
Ethernet port	6 x GbE Copper (I211AT) 2 x GbE Fiber (I210IS) 2 x 10 GbE Fiber (SoC)
LAN bypass	LAN bypass by LAN [1:2]
Storage	
HDD Bay	1 x 2.5" SATA-III port
eMMC	Optional on board eMMC 16 GB or 32 GB
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 3.0 Gen1
Expansion	1 x M.2 B-key Socket for 4G/5G module, support dual SIM Sockets 1 x M.2 E-key Socket for Wi-Fi module

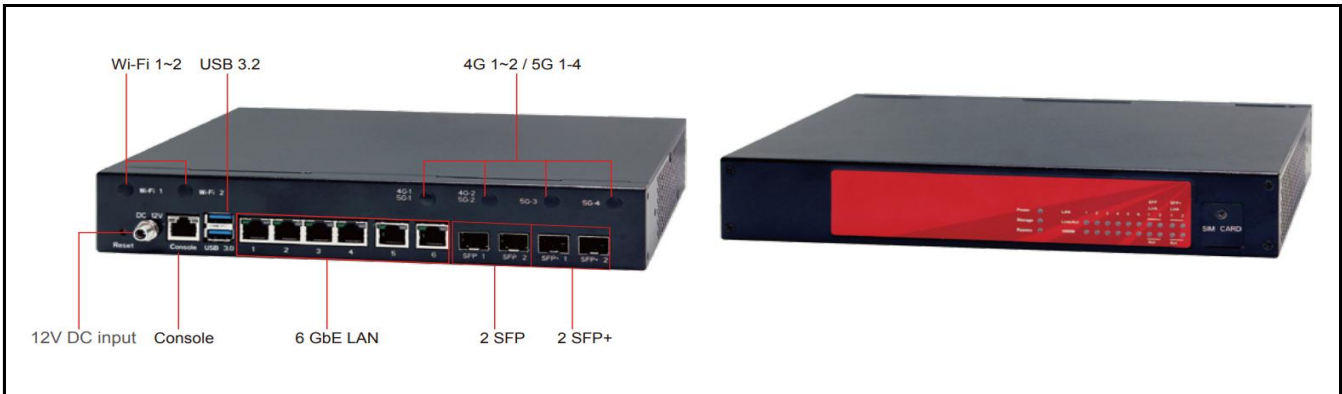
Others	
Battery	Lithium Battery, 3V 220 mAH (CR2032)
Hardware Monitoring	CPU Volt. CPU & System Temp. Fan Speed
QAT & DPDK	Support QAT & DPDK
Power Requirement	
Power Supply Unit	12 VDC input 40/60 WAC Adapter
Software	
OS Support	Linux kernel 4.8 or above (64-bit)
Environment & Mechanical	
Dimension	270 x 44 x 160 mm (10.63" x 1.73" x 6.3")
Operating Temperature	0 ~ 40 °C (32 ~ 104 °F)
Storage Temperature	-20 ~ 80 °C (-4 ~ 176 °F)
Relative Humidity	0% ~ 90% @40 °C, non-condensing
Certifications	CE, FCC Class A, RoHS 2

Dimension

Unit: mm / inch



I/O Connectors



Ordering Information

Packing List

- 1 x System
- 1 x SATA cable with power
- 1 x Screw Pack

Part Number

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