

NSA-50A1

Industrial Entry-Level Desktop Network Security Appliance with Intel® Atom™ C3338R Processor



Features

- Intel® Atom™ C3338R
- 1 x DDR4 SODIMM
- Optional 12 VDC single power/dual power
- TPM 2.0
- Optional 4G LTE, 5G, Wi-Fi
- 1 x Serial console
- Fanless design

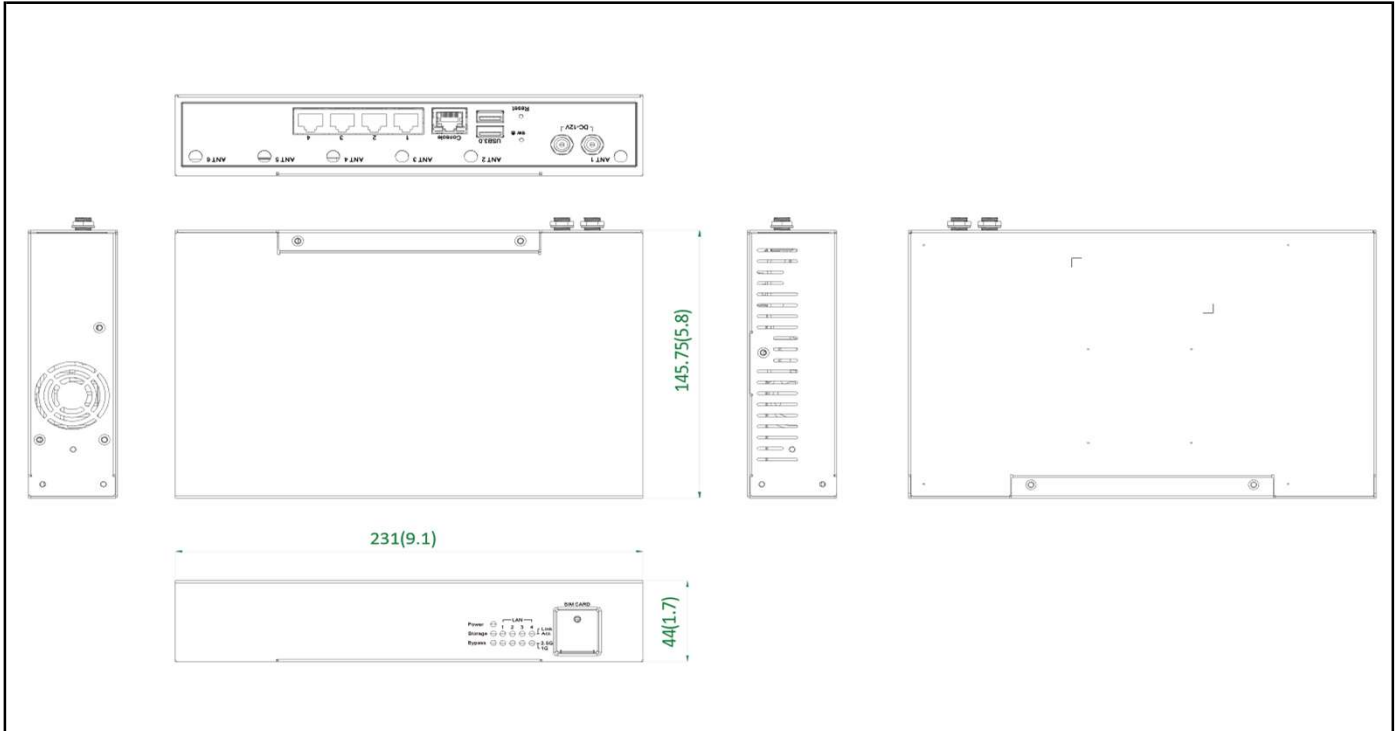
Specifications

System	
CPU	Intel Atom® C3338R
Memory	1 x DDR4 SODIMM
Storage	1 x 2.5" Internal HDD Bay
Real time clock	Yes
Security	TPM 2.0
Thermal Design	Fanless design
Operating System	Linux Kernel 5.15 LTS & above (64-bit)
Support Protocol	Support QAT & DPDK
Power Requirement	
Input Voltage	12 VDC
Power Consumption	40 W (typical)
Power Connector	1 or 2 x 5.5 mm x 2.5 mm DC input connectors (optional)
Environmental and Mechanical	
Dimension	231 x 145 x 44 mm (9.09" x 5.71" x 1.73")
Weight	1.2 kg
Mouting/Installation	Optional bracket(s) for installation
Operating Temperature	0 ~ 40 °C (32 ~ 104 °F)
Storage Temperature	-20 ~ 80 °C (-4 ~ 176 °F)
Operating Humidity	5% ~ 95% relative humidity (RH), non-condensing
Certification	
Regulations	CE, FCC, RoHs

Interface	
Serial Port	--
CAN Bus	--
Ethernet	4 x RJ45 Intel® I226V 2.5 GbE LAN
USB	2 x USB 3.0, Type-A
DI/DO	--
AI/AO	--
Audio	--
Display	--
PoE	--
Expansion Slot	1 x M.2 B-Key 3042/3052, USB 3.0/2.0 (Shared with storage) 1 x M.2 E-Key 2230, 1 x PCIe + USB2.0
SIM Slot	1 x SIM Card Holder
Antenna	6 x External Antenna holes
Console port	1 x Console RJ45
Indicators	4 x Ethernet Link/Act Green LED 4 x Ethernet 2.5G Green/1G Orange LED 1 x System Power LED 1 x Storage LED 1 x LED Bypass LED
Other Interface	Reset button SW reset button

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

2NSA-50A1-01	NSA-50A1, Denverton C3338R, fanless, 12 VDC 40W x1, Networking Micro Box
2NSA-50A1-00-01	NSA-50A1, Denverton C3338R, fanless, 12 VDC 40W x2, Networking Micro Box

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 M.2 2230 with Antenna
4G LTE Module	4G LTE Module M.2 3042 with Antenna
5G Module	5G Module M.2 3052 with Antenna
Ear Bracket	Ear Bracket with Screw
Power cord	US/EU Power cord