

AND-DNV3Bx-SD

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
- S/W reset button + dual DC in power input for SKU option.



Specification

System

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|----------------|---|
| 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

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|------------|--|
| 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

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|----------------|--|
| Storage Device | 1 x 2.5" SATA Storage 1 x M.2 2242/2280 B key |
|----------------|--|

I/O

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|---------------|---|
| 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 Dual DC in input connector (for SKU option) |
| 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 |
| SW button | S/W reset button |
| QAT&DPDK | Support QAT&DPDK |
| Cooling | Smart Fan design |

Mechanical & Environment

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

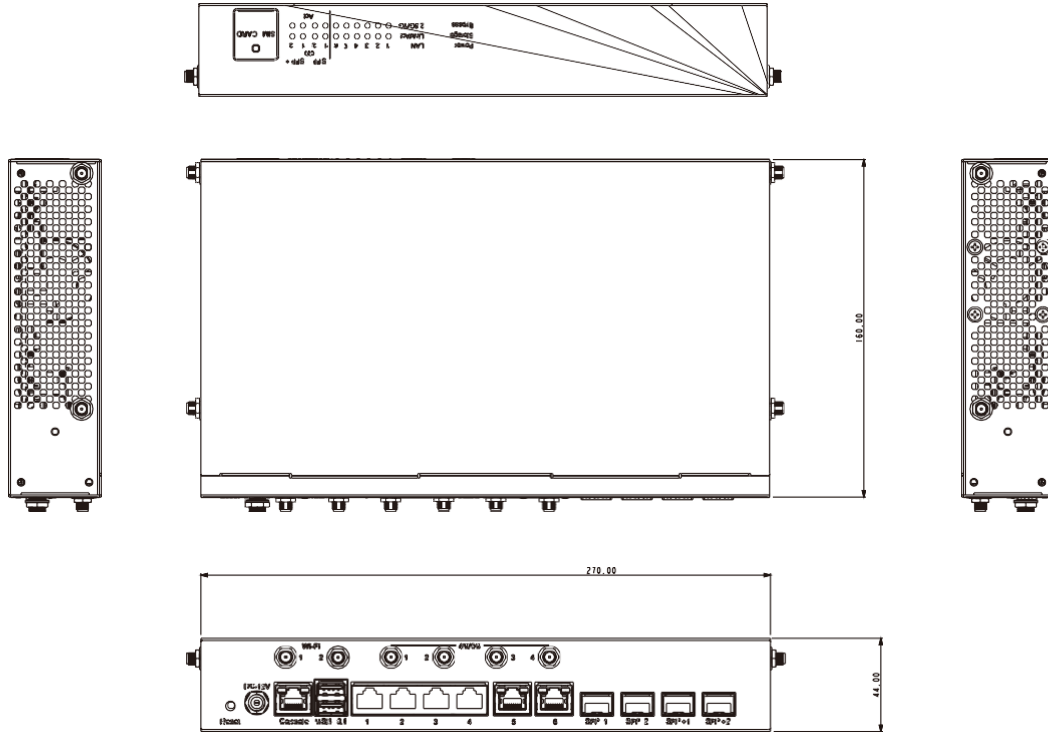
Power Supply

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|----------|---|
| DC input | DC Jack, 12Vdc 40W Adapter or DC Jack, 12Vdc 60W Adapter |
|----------|---|

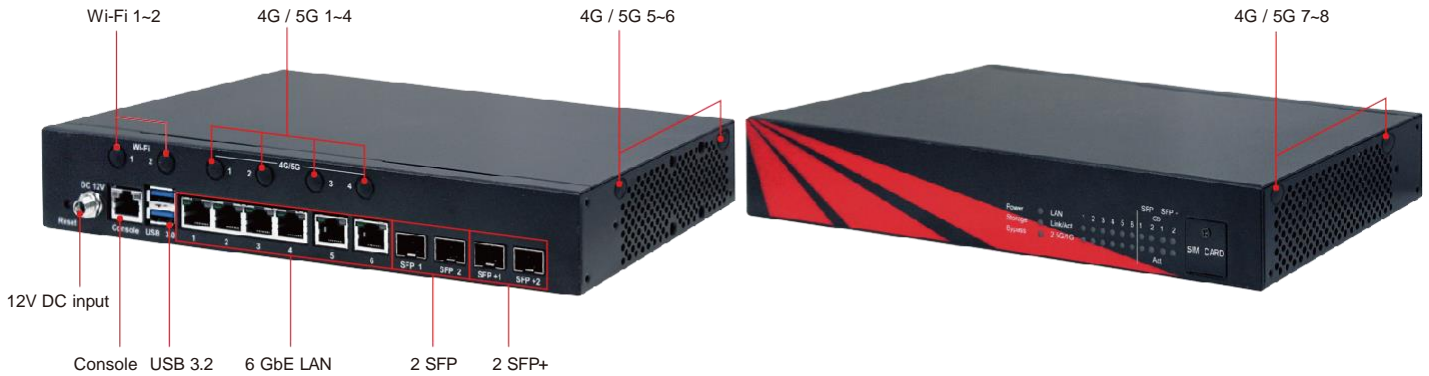
Model Name

| | |
|---------------|---|
| AND-DNV3B2-S | Intel® Atom® C3558 6 x 2.5GbE Copper 2 x SFP, 2 x SFP+ Include 12V 40W Adapter S : S/W reset button |
| AND-DNV3B2-SD | Intel® Atom® C3558 6 x 2.5GbE Copper 2 x SFP, 2x SFP+ Include 12V 60W Adapter SD : S/W reset button + dual DC in power input. |
| AND-DNV3B3-S | Intel® Atom® C3758 6 x 2.5GbE Copper 2 x SFP, 2x SFP+ Include 12V 60W Adapter S: S/W reset button |
| AND-DNV3B3-SD | Intel® Atom® C3758 6 x 2.5GbE Copper 2 x SFP, 2x SFP+ Include 12V 60W Adapter SD : S/W reset button + dual DC in power input. |

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-DNV3B2-S/SD | Intel® Atom® C3558 6x 2.5GbE Copper 2x SFP, 2x SFP+ Include 12V 40W Adapter S : S/W reset button SD : S/W reset button + dual DC in power input. |
| AND-DNV3B3-S/SD | Intel® Atom® C3758 6x 2.5GbE Copper 2x SFP, 2x SFP+ Include 12V 60W Adapter S : S/W reset button SD : S/W reset button + dual DC in power input. |