

WMK Desktop Network Appliance

Desktop Network Appliance with Intel Atom® Processor C Series



Front view



Rear View



Features

- Intel Atom® Processor C Series
- 10/100/1000Base-TX Ethernet x 6
- Supports 1 pair bypass (LAN 3 ~ 4)
- Up to 10G SFP+ Port x 4 (Intel Atom® Processor C3558 SKU only supports 2 ports)
- DDR4 SODIMM x 2
- SATA 6Gb/s Port x 2
- Onboard 16GB eMMC, up to 128GB
- Mini Card Slot x 1 (Half-size, PCIe), Mini Card Slot x 1 (Full-size, PCIe + USB 2.0) with SIM Slot
- M.2 3052 B-Key x 1 (USB 3.0) with SIM Slot
- USB 3.0 (Type-A) x 2 (1 Port only supports USB 2.0 signal)



Specifications

System

Form Factor	Desktop Network Appliance
Processor	Intel Atom® Processor C Series (4 ~ 16 cores)
Memory	4 x DDR4 R-DIMM, up to 128GB/4 x DDR4 U-DIMM, up to 64GB non-buffer non-ECC/ECC memory (Atom® C3558/C3758) 2 x DDR4 R-DIMM, up to 64GB/4 x DDR4 U-DIMM, up to 32GB non-buffer non-ECC/ECC memory (Atom® C3338)
BIOS	AMI SPI Flash BIOS
Storage	DDR4 SODIMM ECC x 2, up to 64GB
Network Interface	6 x GbE RJ-45 (Intel® i210) (C3338) 6 x GbE RJ-45 (Intel® i210) and 2 x SFP+ (C3558) 6 x GbE RJ-45 (Intel® i210) and 4 x SFP+ (C3758)
I/O	
Front Panel	Power LED x 1 Status LED x 1 Storage Active LED x 1 Bypass LED x 1 Ethernet LED x 20 Antenna Hole x 2

	Accessible SIM slot x 2
Rear Panel	USB 3.0 Port x 2 RJ-45 Port x 6 SFP+ Port x 2 RJ-45 Console x 1 12V DC Power Input x 1 Software Reset Button x 1 Power Button x 1 Antenna Hole x 4
TPM	TPM v2.0 9665
Other Features	LAN Bypass function through latch relay (one pair) for optional
Expansion Interface	1 x Full-size PCIe Mini Card slot (PCIe+USB) 1 x Full-size PCIe Mini Card slot (SATA+USB)
Watchdog Timer	1~255 stepping by software programmable
Power Supply	DC
Color	Black
OS Compatibility	Yocto, Linux

Mechanical/ Environmental

Power Requirement	12V DC Power in connector 4 Cores: 40W Power Adapter 8 Cores and above: 60W Power Adapter
Dimension	260mm x 178mm x 44mm (W x D x H)
Operating Temperature	0°C to +40°C (+32°F to +104°F)
Humidity	10% - 95% RH, non-condensing
Dimensions	260mm x 178mm x 4mm (W X D X H)

Ordering Information

CPU	Intel Atom® C3558
BYPASS	1 pairs (LAN3~4)
EXPANSION SLOT	Mini-card slot x 1 (Half-size, PCIe) , Mini-card slot x 1 (Full-size, PCIe + USB2.0) with SIM slot , M.2 B key 3052 x 1 (USB3.0) with SIM slot
STORAGE	On board 16GB eMMC SATA III Port x 2 2.5" HDD Bay x 1
LAN	Intel® I210-AT, Gigabit Ethernet x 6 (2 ports co-lay SFP) 10G SFP+ x 4 (4 cores only support 2 port)
USB	USB3.0 TypeA Port x 2 (1 Port only support USB2.0 signal)
CONSOLE	RJ-45 x 1
SYSTEM FAN	1 x System Fan
TPM	TPM v2.0 9665
MOUNTING	DC

Packing List

1 x DC power adapter 12V/5A or
12V/7A 1 x Power cord- US
1 x SATA cable

Optional Accessories

Part Number	Description
1702031803	Power Cord for EU
1702031802	Power Cord for US
170203180B	Power Cord, For China, 1.8M
170203180E	Power Cord for Japan
1700091805	Console Cable

Dimensions

