

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)



Internal/ Expansion Interface	
PCIe Slot	—
Mini-PCIe 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
Keyboard and Mouse	Reserved pin-header
USB	USB 3.0 x 2 (1 Port only support USB2.0 signal)
Miscellaneous	
RTC	Internal RTC
Watchdog Timer	1~255 steps by software programmable
Software Button	GPIO programmable push button x 1
TPM	TPM v2.0 9665
GPIO	4 bits input/ 4 bits output
Fan	System Fan x 1
MTBF (Hours)	TBD
Color	Black
Environmental Parameters and Dimension	
Power Requirement	12V DC Power in connector 4 Cores: 40W Power Adapter 8 Cores and above: 60W Power Adapter
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Operating Humidity	10%~80% relative humidity, non-condensing
Storage Humidity	10%~80% @40°C; non-condensing
Vibration	0.5 Grms/ 5 ~ 500Hz / operation (2.5" HDD) 1.5 Grms/ 5 ~ 500Hz / non operation
Shock	10 G peak acceleration (11 m sec. duration), operation 20 G peak acceleration (11 m sec. duration), non operation
Dimension (W X D X H)	260mm x 178mm x 44mm
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

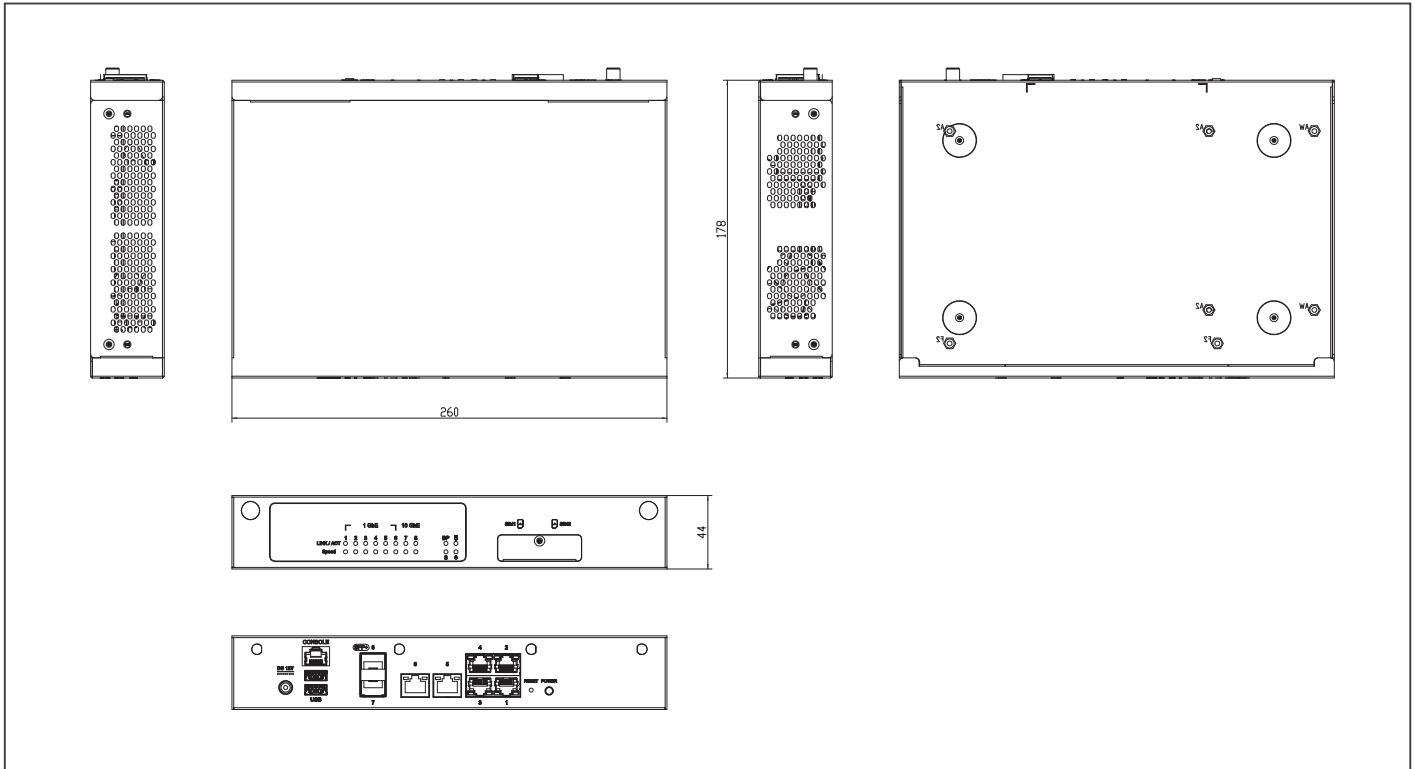
Specifications

System	
Form Factor	Desktop Network Appliance
Processor	Intel Atom® Processor C Series (4 ~ 16 cores)
Chipset	SoC
System Memory	DDR4 SODIMM ECC x 2, up to 64GB
Network	
Ethernet	Intel® I210-AT, Gigabit Ethernet x 6 (2 ports co-lay SFP) 10G SFP+ x 4 (4 cores only support 2 port)
Bypass	Supports 1 pairs on LAN 3-4
Display	
Graphic Controller	—
Connector	—
Storage	
HDD	SATA III port x 2, 2.5" HDD/SSD up to 2
CF/CFast/MSATA	On board 16GB eMMC, up to 128GB optional mSATA slot x 1 (co-lay with M.2 slot)



Dimension

Unit: mm



Ordering Information

Part Number	CPU	RAM	Bypass	Expansion Slot	Storage	LAN	USB	Console	System Fan	TPM	Display	Mounting	Power
FWS-2365-E8-A10-01	Intel Atom® C3558	260-pin DDR4 SODIMM socket x 2	1 pairs (LAN3-4)	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	On board 16GB eMMC SATA III Port x 2 2.5" HDD Bay x 1	Intel® I210-AT, Gigabit Ethernet x 6 (2 ports co-lay SFP) 10G SFP+ x 4 (4 cores only support 2 port)	USB3.0 TypeA Port x 2 (1 Port only support USB2.0 signal)	RJ-45 x 1	1 x System Fan	TPM v2.0 9665	—	Desktop	DC

Packing List

- SATA Cable x 1
- SATA Power Cable x 1
- 40W Power Adapter x 1 (C3558 SKU)
- FWS-2365

Optional Accessories

- **1700091805**
Console Cable
- **1702031802**
Power Cord, 3P-250V/10A, 180D, 1.8M, USA, YP12/YC-12
- **1702031803**
Power Cord, 3P-250V/10A, 180D, 1.8M, VDE, YP22/YP12
- **170203180B**
Power Cord, 3P-250V/10A, 180D, 1.8M, China, YP-03/YC-12
- **170203180E**
Power Cord, 3P-125V/7A, 1.8M, PSE, YP12/YC-12
- **9761220030**
1U Rackmount Ear Bracket kit