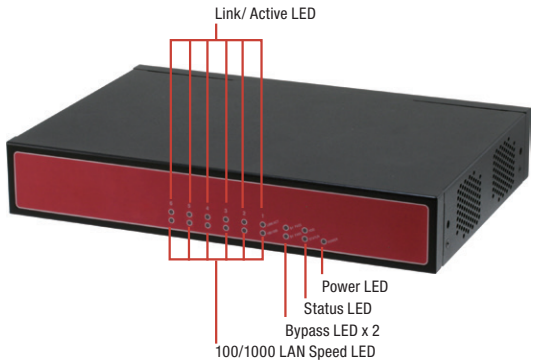
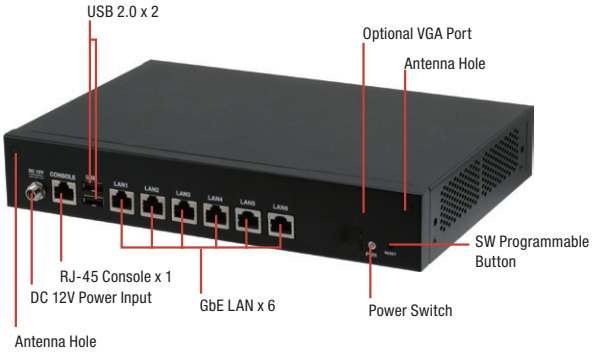
FWS-2350

Desktop 6 LAN Ports Network Appliance with Intel® Atom™ C2558/C2358 Processor SoC with Intel® QAT Support

Front View



Rear View



Features

- **Onboard Intel® Atom™ C2358/C2558 Processor SoC**
- **240-pin DDR3 DIMM up to 16 GB ECC or non-ECC SDRAM**
- **Built-in Gigabit Ethernet x 6**
- **Supports QuickAssist Crypto Acceleration**
- **System Cooling Fan x 1**
- **Supports 2 Pairs LAN Bypass Function**
- **Compact Desktop Design**
- **Built-in Intel® i211AT LAN and Intel® SoC Integrated i354 with Marvell 88E1543 PHY**

DDR 3 | 1000 Giga LAN | USB 2.0 | CE | FC

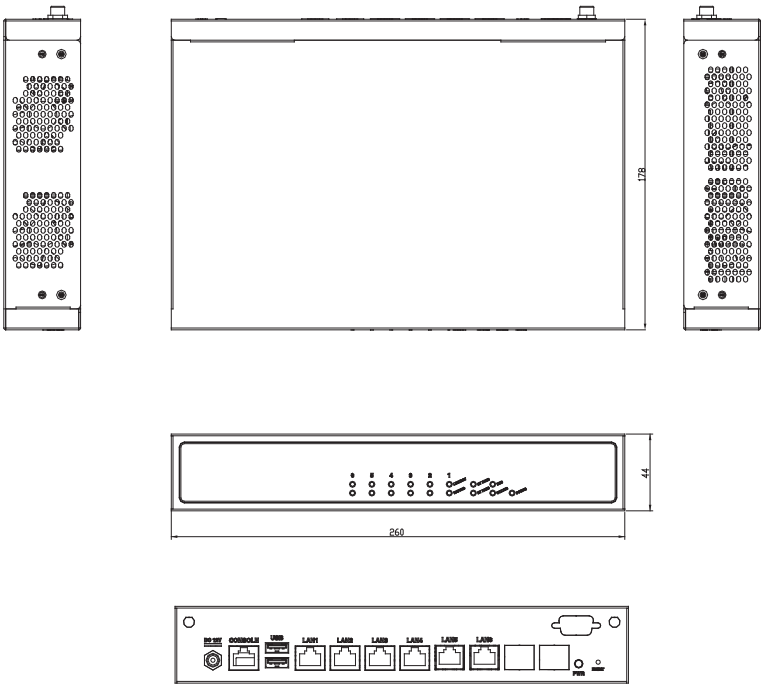
Specifications

Platform	
Form Factor	Desktop 6-Port Network Appliance
Processor	Intel® Atom™ C2358 1.7 GHz (Dual Core) Intel® Atom™ C2558 2.4 GHz (Quad Core)
Chipset	—
System Memory	240-pin DDR3 1333MHz ECC or non-ECC SDDIMM up to 16GB, C2358 single channel, C2558 dual-channel
Network	
Ethernet	Intel® i211, Gigabit Ethernet x 2 (Optional additional Intel® i211, Gigabit Ethernet x 2), Intel® SoC Integrated i354 with Marvell 88E1543 PHY x 1
Bypass	Supports up to 2 pairs bypass function
Display	
Graphic Controller	—
Connector	—
Storage	
HDDs	Internal 2.5" SATA HDD Bay x 1
CF/CFast/mSATA	CF socket x 1 (Optional CFast™ socket x 1)
Expansion/Internal Interface	
PCIe slot	—
Mini-PCIe slot	Mini-Card slot with SIM socket x 1 (Full size) (Optional Mini-Card slot up to 2)
Keyboard and Mouse	Pin-header
Universal Serial Bus	USB 2.0 x 2
Miscellaneous	
RTC	Internal RTC
Watchdog Timer	1~255 steps by software programmable
Software Button	GPIO Programmable push button x 1
TPM	Optional TPM v1.2/v2.0
GPIO	Reserve internal GPIO Pin header x 1
FAN	System Fan x 1
MTBF (Hours)	86,286
Color	Black
Environmental Parameters and Dimension	
Power Requirement	12V DC power in connector/ 60W Power adapter x 1 4-pin DC power out connector for HDD x 1
Operation Temp.	32°F ~ 104°F (0°C ~ 40°C)
Storage Temp.	-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" Hard Disk Drive) 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
Chassis Dimension (W x D x H)	10.24" x 7.01" x 1.73" (260mm x 178mm x 44mm)
I/O Interfaces	
Front Panel	- Power LED x 1 - Status LED x 1 - HDD Active LED x 1 - Bypass LED x 2 (Optional) - LAN LED x 12 (Supports up to LAN LED x 16)
Rear Panel	- 12V DC Power Input x 1 - Power Button x 1 - USB 2.0 x 2 - RJ-45 LAN x 6 (Supports up to RJ-45 LAN x 8) - RJ-45 Console x 1 - Software Programmable Button x 1

Note: All specifications are subject to change without notice.

Dimension

Unit: mm



Ordering Information

Part Number	CPU	Memory	System Fan	Bypass	Mini-Card Socket	Storage	Display	LAN	USB	Console	Mounting	Power
FWS-2350E6-A10-A11-00	Intel® Atom™ C2358	Single channel, DDR3 DIMM x 1	1	2 pairs	1	2.5" HDD Bay x 1 CompactFlash™ Socket x 1	—	GbE x 6	USB 2.0 x 2	RJ-45 x 1	Desktop	DC
FWS-2350E6-A10-A11-01	Intel® Atom™ C2558	Dual channel, DDR3 DIMM x 2	1	2 pairs	1	2.5" HDD Bay x 1 CompactFlash™ Socket x 1	—	GbE x 6	USB 2.0 x 2	RJ-45 x 1	Desktop	DC

Packing List

- **Power Adapter**
- **Console Cable**
- **SATA Cable**
- **SATA Power Cable**
- **FWS-2350**

Optional Accessories

- **9761220030**
  Ear Bracket kit
- **1702031803**
  Power Cord, 3P-250V/10A, 180D, 1.8M, VDE, YP12/YC-12
- **1702031802**
  Power Cord, 3P-250V/10A, 180D, 1.8M, USA, YP12/YC-12
- **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
- **9761EMPV00**
  VGA Module Kit