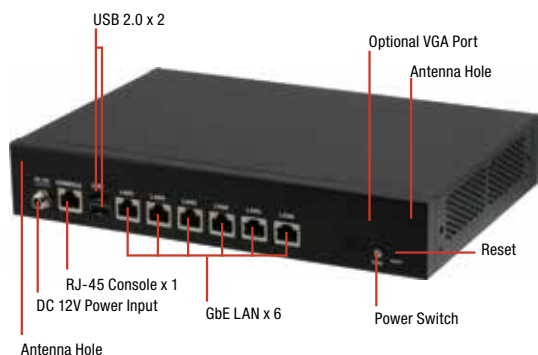
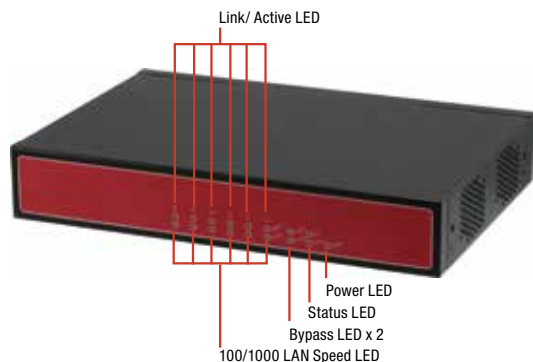


## Desktop 6 LAN Ports Network Appliance with Intel® Atom™ C2558/C2358 Processor SoC with Intel® QAT Support



### 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
- Built-in Intel® i211AT LAN Controller and Marvell PHY 88E1543
- 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



### 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   | Reserve 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<br>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)<br>1.5 Grms/ 5 ~ 500Hz/ non-operation                          |
| Shock                         | 10 G peak acceleration (11 m sec. duration), operation<br>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

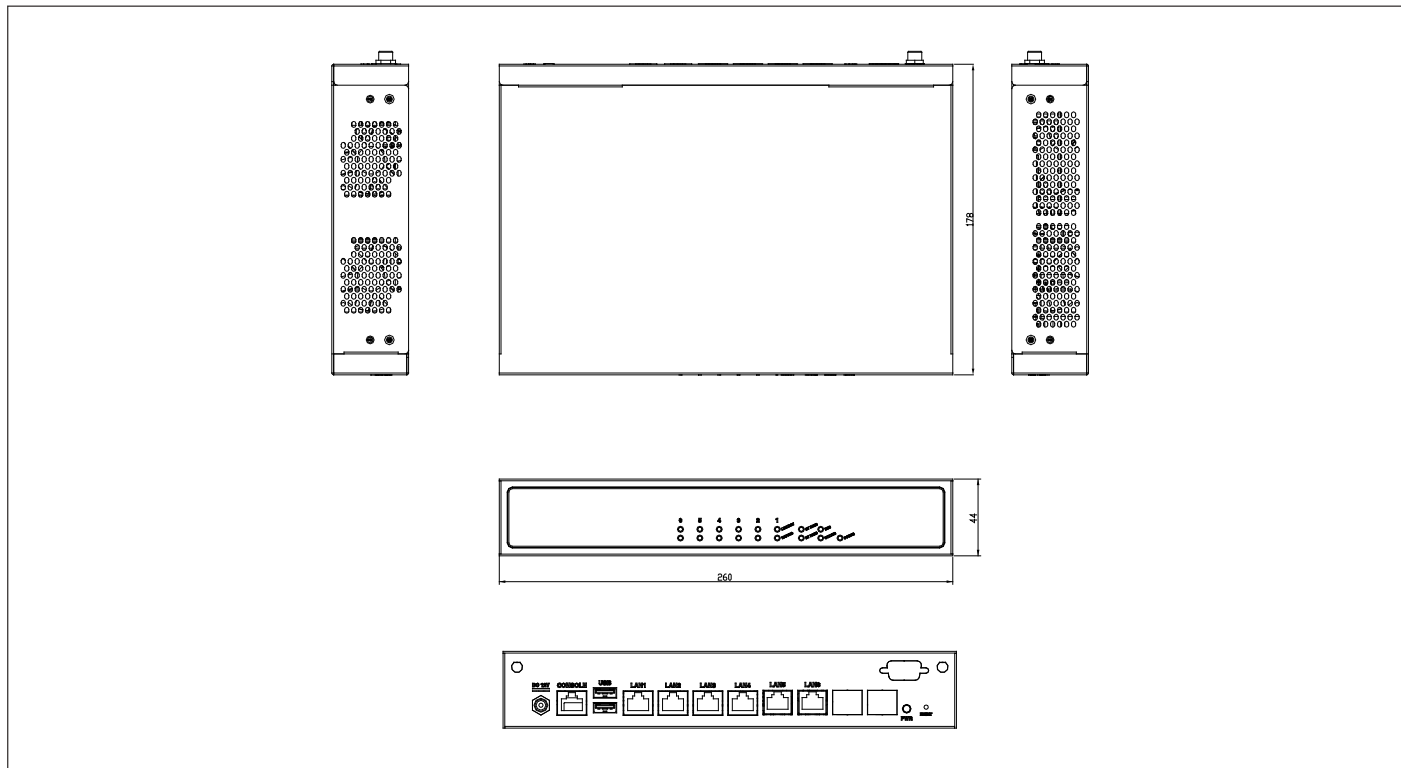
|             |                                                                                                                                                                                |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Front Panel | - Power LED x 1<br>- Status LED x 1<br>- HDD Active LED x 1<br>- Bypass LED x 2 (Optional)<br>- LAN LED x 12 (Supports up to LAN LED x 16)                                     |
| Rear Panel  | - 12V DC Power Input x 1<br>- Power Button x 1<br>- USB 2.0 x 2<br>- RJ-45 LAN x 6 (Supports up to RJ-45 LAN x 8)<br>- RJ-45 Console x 1<br>- Software Programmable Button x 1 |

### Specifications

| Platform           |                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Form Factor        | Desktop 6-Port Network Appliance                                                                                                                   |
| Processor          | Intel® Atom™ C2358 1.7 GHz (Dual Core)<br>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)                                                                                                         |

## 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-A10-00 | Intel® Atom™ C2358 | Single channel, DDR3 DIMM x 1 | 1          | 2 pairs | 1 (Optional)     | 2.5" HDD Bay x 1<br>CompactFlash™ Socket x 1 | —       | GbE x 6 | USB 2.0 x 2 | RJ-45 x 1 | Desktop  | DC    |
| FWS-2350E6-A10-A10-01 | Intel® Atom™ C2558 | Dual channel, DDR3 DIMM x 2   | 1          | 2 pairs | 1 (Optional)     | 2.5" HDD Bay x 1<br>CompactFlash™ Socket x 1 | —       | GbE x 6 | USB 2.0 x 2 | RJ-45 x 1 | Desktop  | DC    |

## Packing List

- Power Adapter
- Console Cable
- Product CD
- 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
- **PER-V09V-A10**  
VGA Kit