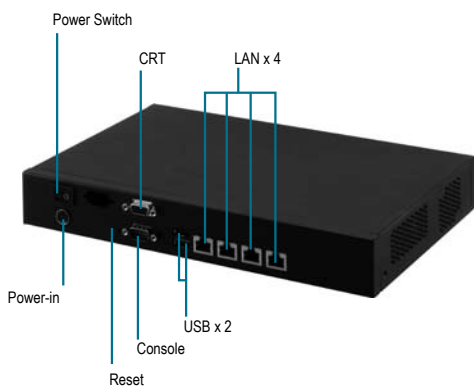
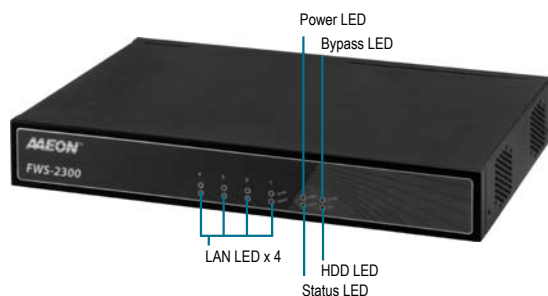


## ■ Desktop Intel® Pentium® M/ Celeron® M Network Appliance With 4 LAN Ports



### Features

- Desktop 4 LAN Network Appliance
- Intel® Pentium™ M/ Celeron™ M Processor Up To 1.8 GHz (BGA/Socket Co-lay)
- 200-Pin Dual-Channel DDRII 400 DIMM x 2 Up To 2 GB
- Intel® 910GML E Integrated Graphics Accelerator
- PCI 10/100/1000Base-TX Ethernet x 4 (2-Port Bypass Function)
- Ultra ATA 100 x 1, DOM Up To 2 GB Port, SATA I x 2
- CompactFlash™ Type II x 1
- 96W Power With Auto Range Input
- USB2.0 x 2, RS-232 Console x 2 (Front Panel x 1, Pin Header x 1)
- Watchdog Function 1~255 Sec
- 2.5" Internal Disk Drive Bay x 1



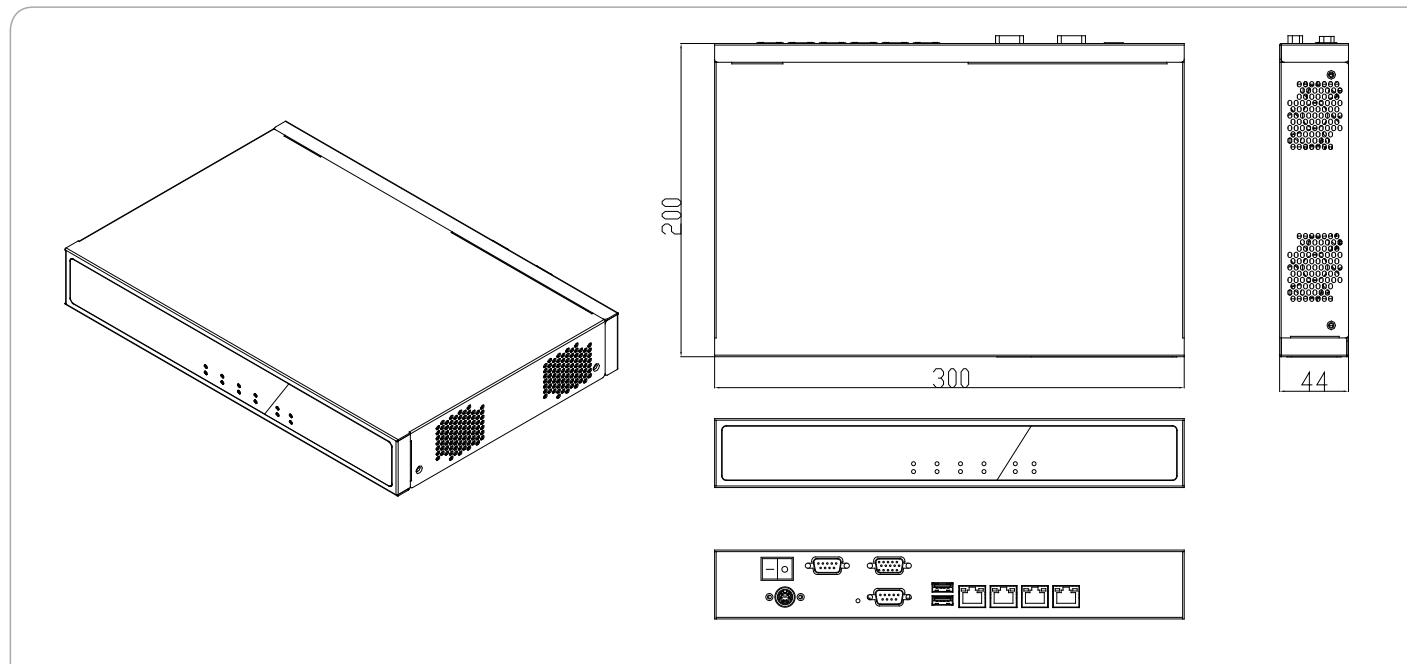
### Specifications

| System               |                                                                                                            |
|----------------------|------------------------------------------------------------------------------------------------------------|
| Form Factor          | Desktop 4-port Network Appliance                                                                           |
| Processor            | Intel® Pentium® M / Celeron® M up to 1.8 GHz (BGA/Socket Co-lay)                                           |
| System Memory        | 200-pin DDRII 400 SODIMM x 2, up to 2 GB                                                                   |
| Chipset              | Intel® 910GML E + Intel® 82801FBM (ICH6M)                                                                  |
| Ethernet (Optional)  | PCI 10/100/1000Base-TX x 4 (Intel® 82541/82551 co-lay, with 2- port bypass)                                |
| BIOS                 | Award Plug & Play FWH BIOS –8 Mb ROM                                                                       |
| IDE Interface        | ATA 100 x 1 channel (Support CD-ROM ATAPI devices)                                                         |
| Serial ATA           | SATA I x 2                                                                                                 |
| SSD                  | CompactFlash™ Type II Connector (ATA Mode)                                                                 |
| Expansion Interface  | Mini-PCI Type III Socket                                                                                   |
| Watchdog Timer       | 1~255 step, can be set with software on Super I/O                                                          |
| RTC                  | Internal RTC                                                                                               |
| Storage              | Internal: 2.5" Hard Disk (SATA or IDE) x 1                                                                 |
| System Fan           | 4cm Ball Bearing Fan x 1                                                                                   |
| Front I/O Panel      | Power LED x 1<br>Bypass LED x 1<br>Status LED x 1<br>HDD Active LED x 1<br>LAN LED x 4                     |
| Real I/O panel       | LAN x 4<br>USB 2.0 x 2<br>DB-9 Connector x 1                                                               |
| Color                | Black                                                                                                      |
| Power Supply         | 96W Power Adapter                                                                                          |
| Dimension            | 11.8" (W) x 7.9" (D) x 1.7" (H) (300mm x 200mm x 44mm)—Chassis<br>9.8" (W) x 11" (D) (250mm x 280mm)—Board |
| Power Consumption    | 87W, Intel® Pentium® M 1.8 GHz                                                                             |
| MTBF (Hours)         | 58,000                                                                                                     |
| Display              |                                                                                                            |
| VGA Controller       | Integrated VGA on Intel® 910GML E, pin header connector                                                    |
| I/O                  |                                                                                                            |
| Serial Port          | COM ports x 2: (Internal Pin Header x 1)<br>COM 1: RS-232<br>COM 2: RS-232 (Pin Header)                    |
| K/B and Mouse        | Reserved pin header                                                                                        |
| Universal Serial Bus | TYPE-A Connector x 2 on rear panel                                                                         |

# FWS-2300

## Dimension

Unit: mm



| Environment           |                                                                                                                    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------|
| Operating Temperature | 32°F~104°F (0°C~40°C)                                                                                              |
| Storage Temperature   | 4°F~140°F (-20°C~60°C)                                                                                             |
| Operating Humidity    | 10~80%                                                                                                             |
| Storage Humidity      | 10~80%, noncondensing                                                                                              |
| Vibration             | 0.5G/ 5 ~ 500 Hz/ operation (2.5" Hard Disk Drive)<br>1.5G / 5 ~ 500 Hz/ non operation                             |
| Shock                 | 10G peak acceleration (11 m sec. duration), operation<br>20G peak acceleration (11 m sec. duration), non operation |

## Packing List

- **S225004010**  
Screw Accessories
- **1702151200**  
HDD Power Cable x 1
- **1700091803**  
D-SUB 9pin Cable x 1
- **1709070200**  
SATA Cable x 2
- **Quick Installation Guide**
- **Utility CD-ROM**
- **FWS-2300**

## Ordering Information

- **TF-FWS-2300E4-O10-A10-00**  
Firewall Platform, Intel® Socket 479 Pentium® M, 4 GbE LAN, Desktop, 96W Power Adapter, Black
- **TF-FWS-2300E4-O10-A10-01**  
Firewall Platform, Intel® ULV Celeron® M 1.0 GHz, 4 GbE LAN, Desktop, 96W Power Adapter, Black

## Optional Accessories

- **1701160302**  
VGA Cable
- **1700080204**  
PS2 KB/MS Cable