

FWA-3700/3710

1U Rackmount Intel® Pentium® M Processor-based Platform with 4 PCIe LAN Ports



Features

- Supports Intel® Pentium® M or Celeron® M Processor
- Dual-channel DDR2 400/533 SODIMM, up to 2 GB
- Four 10/100/1000 Mbps LAN ports
- One proprietary PCIe expansion connector onboard
- Supports one fixed 3.5" IDE or SATA HDD
- One 10/100 Mbps LAN port for management



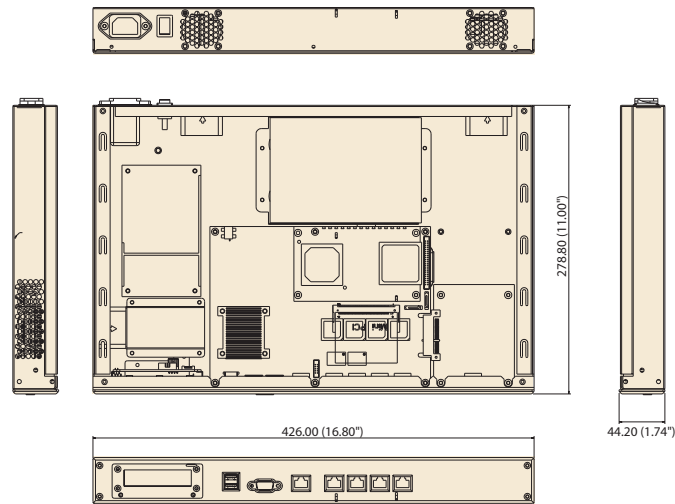
Introduction

Conceived as a powerful but low power consumption rack-mount Internet security platform, the FWA-3700 series was specifically designed for mainstream IDS/IPS, Anti-virus, VPN gateway and Unified Threat Management (UTM) applications. Using the latest Intel Pentium M processor combined with the Mobile Intel 915GM Express chipset and Intel's ICH6M I/O Controller Hub, the FWA-3700 series provides unprecedented performance, connectivity and throughput without compromising on system thermal design. It supports up to 2 GB of DDR2 system memory at 400 or 533 MHz on dual-channel SODIMM banks. By leveraging PCI Express technology, the platforms maximize I/O throughput by taking full advantage of the ICH6-M's PCI Express (PCIe) capability. Four PCIe lanes connect directly to the Ethernet controllers to provide bi-directional 2 Gb/s peak bandwidth for Gigabit Ethernet support at wire speed. The system supports one optional 3.5" IDE or SATA HDD, and CompactFlash for OS and Internet security applications. The front panel has a 9-pin RS-232 serial port and one 10/100 managed LAN port, with an LCD module for local system management, maintenance and diagnostics. It is FCC, CE, CCC, and UL compliant.

Specifications

| | | | |
|------------------|---------------------------|---|-----------------------------|
| Processor System | CPU | Intel Pentium M / Celeron M processor | |
| | Max. Speed | 2.0 GHz/1.5 GHz | |
| | Chipset | Intel 915GM + ICH6M | |
| | Front Side Bus | 533/400 MHz | |
| | BIOS | Award™ 4 Mbit Flash | |
| Memory | Technology | Dual-channel DDR2 533/400 SODIMM | |
| | Capacity | Up to 2 GB with 2 slots | |
| Expansion | Onboard Expansion Slots | 1 proprietary internal PCIe x4 connector | |
| | | 1 32-bit/33 MHz Mini PCI Slot | |
| Ethernet | Fast Ethernet | 1 10/100 Intel 82562 FE port for management | |
| | Gigabit Ethernet | 4 10/100/1000 Mbps PCIe GbE ports | |
| | GbE Controller | FWA-3700 4 x Marvell 8053 | FWA-3710 4 x Intel 82573 |
| | LAN Bypass | 2 segment on GbE ports | |
| Storage | Controller | Supports 3.5" HDD x 1 on IDE 0, or SATA HDD x 1 | |
| | | - ATA100 connector x 1 on IDE 0 (Secondary) - Max. data transfer rate 100 MB/s - Supports 3.5" ATA HDD | |
| | SATA | SATA interface - SATA connector x 1 on separate SATA channels - Max. data transfer rate 150 MB/s - Support 3.5" SATA HDD | |
| | CompactFlash Socket | 1 CF socket on IDE 0 (Primary/Master) | |
| Peripheral | USB | 2 (USB 2.0) | |
| | Serial | 1 (RS-232) | |
| | LCD Module | 1 | |
| | K/B, Mouse, LPT, CRT, COM | Pin Headers | |

Dimensions



Unit: mm (inch)

Specifications Cont.

| | | | |
|--------------------------|------------------------|--|--|
| Power | Watt | 180 W | |
| | Input | 90 ~ 240 V AC, auto range | |
| Environment | Temperature | Operating 0 ~ 40° C (32 ~ 104° F) | Non-Operating -20 ~ 75° C (-4 ~ 167° F) |
| | Humidity | 5 ~ 85 % @ 40° C (104° F) | |
| | Dimensions (W x H x D) | 426 x 44 x 280 mm (16.7" x 1.7" x 11") | |
| Physical Characteristics | Weight | 4.5 kg (9.9 lb) | |

Ordering Information

| Part Number | Processor | LAN | Power Supply | Ethernet Controller |
|-------------|-----------|-----|--------------|---------------------|
| FWA-3700E | - | 5 | 180 W | 4 x Marvell 8053 |
| FWA-3710E | - | 5 | 180 W | 4 x Intel 82573 |

Packing List

| Part Number | Description |
|-------------|--|
| 1701160101 | VGA port cable (for system installation use) |
| 1703080160 | PS/2 Y cable mini-DIN 16 cm |
| 1703092000 | Console cable D-sub 9-pin 2 m |

Accessories

| Part Number | Description |
|-------------|-------------------|
| 1702002600 | 3P 180 cm, USA |
| 1702002605 | 3P 180 cm, Europe |
| 1702031801 | 3P 180 cm, UK |
| 1700000237 | 3P 180 cm, JP |

