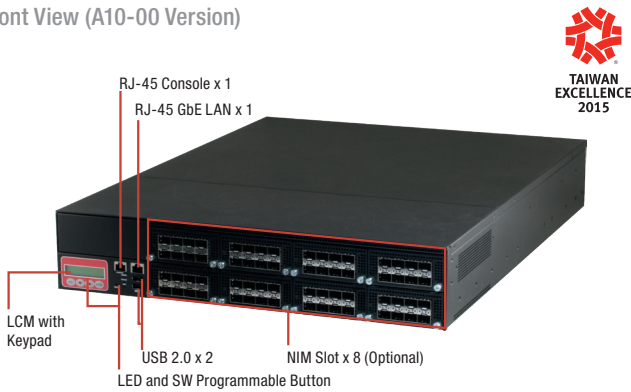
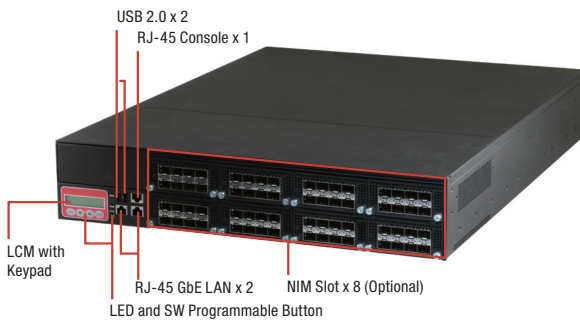


2U Rackmount High Performance Network Appliance, up to 64 Gigabit Ethernet Ports

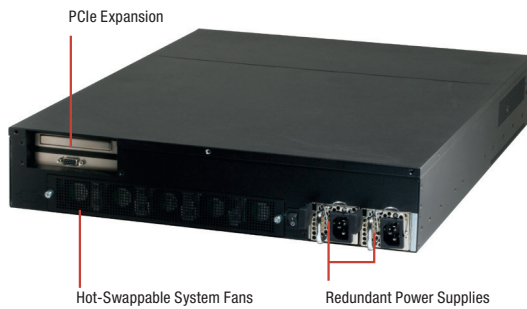
Front View (A10-00 Version)



Front View (A10-01 Version)



Rear View



Features

- 2U Rackmount Network Appliance
- Dual Intel® Xeon® Processor E5-2600 v3 Series Processor, LGA 2011
- Intel® Communications Chipset 8925
- 288-pin DDR4 1600/1866/2133 MHz DIMM (8 DIMM Per CPU) RDIMM x 16, Up to 512 GB
- 64 Ports Gigabit Ethernet Via NIM
- Internal 3.5" SATA HDD x 1 or 2.5" SATA HDD x 2, CompactFlash™ Socket x 1
- Optional Parallel LCM with Keypad x 1
- RJ-45 Console x 1, USB 2.0 x 2, 1 GbE LAN x 1
- 650W Redundant Power
- Mini-PCIe x 1, PCI-E [x8] x 2 (Optional)



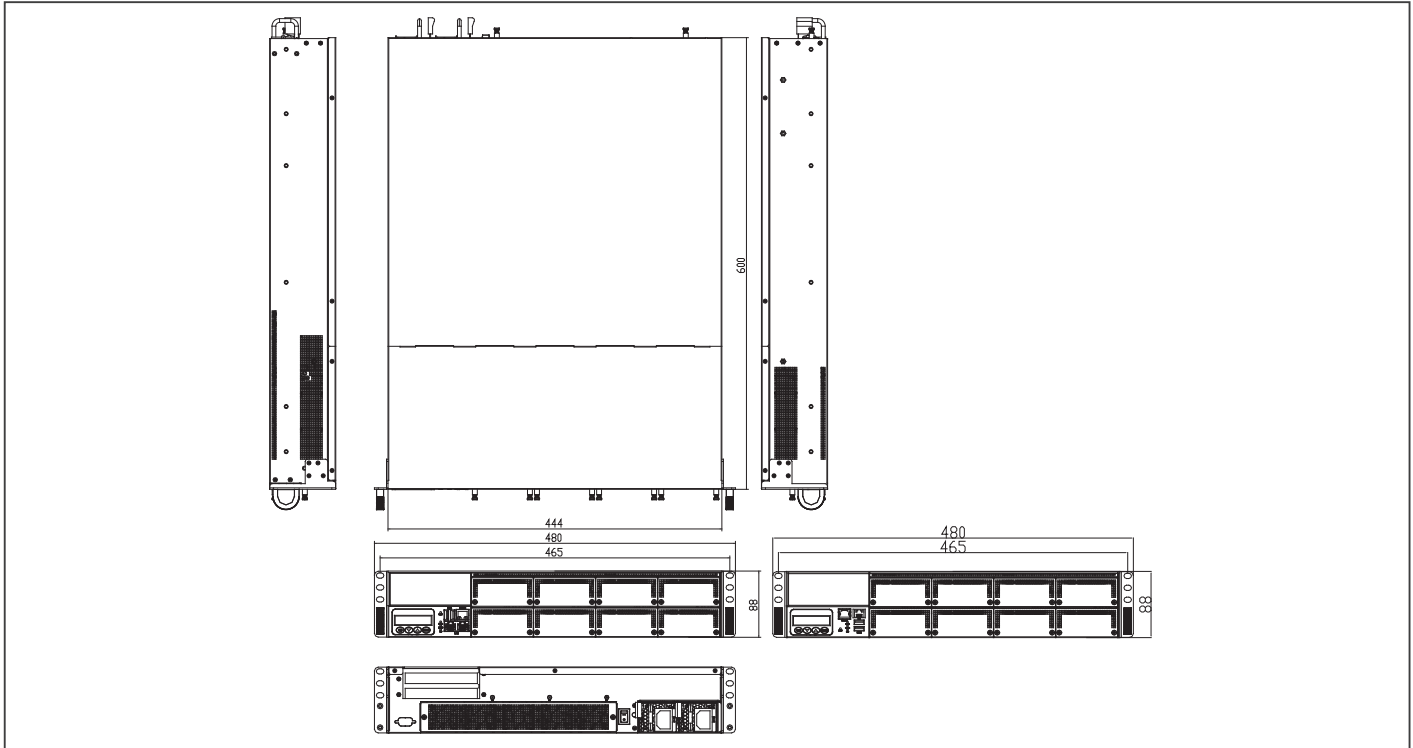
| Storage | |
|--|--|
| HDDs | Internal 3.5" SATA HDD x 1 or 2.5" SATA HDD |
| CF/CFast/mSATA | CF socket x 1 |
| Expansion/Internal Interface | |
| PCIe slot | PCIe [x8] slot x 2 (Optional) |
| Mini-Card slot | 1 |
| IPMI | — |
| Keyboard and Mouse | — |
| Universal Serial Bus | USB 2.0 x 2 pin-header (optional) |
| Miscellaneous | |
| RTC | Internal RTC |
| Watchdog Timer | 1~255 steps by software programmable |
| Software Button | GPIO Programmable push button x 1 |
| TPM | TPM v1.2 (TPM v2.0 Optional) |
| GPIO | 4 bits input, 4bits output |
| FAN | 5 |
| MTBF (Hours) | 72,211 |
| Color | Black |
| Environmental Parameters and Dimension | |
| Power Requirement | 650W Redundant PSU |
| 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 (3.5" H.D.D) 1.5 Grms/ 5 ~ 500Hz/ no operation |
| Shock | 10G peak acceleration (11 m sec. duration), operation 20G peak acceleration (11 m sec. duration), non-operation |
| Chassis Dimension (W x D x H) | 17.48" x 23.62" x 3.46" (444mm x 600mm x 88mm) |
| I/O Interfaces | |
| Front Panel | Power LED x 1, Status LED x 1, HDD Active LED x 1, USB 2.0 Ports x 2, RJ-45 Console x 1, Parallel LCM display and 4 keypad x 1, Software Programmable Button x 1 RJ-45 LAN x 1 (optional up to RJ-45 LAN x 2) |
| Rear Panel | AC Power Input x 2, Power Switch x 1, Rear Expansion Slot x 2 (Optional PCIe [x8]) |

Specifications

| Platform | |
|--------------------|---|
| Form Factor | 2U Rackmount Network Platform |
| Processor | Intel® Xeon® Processor E5-2600 v3 / v4 Series, FCLGA2011 |
| Chipset | Intel® Communications Chipset 8925 PCH |
| System Memory | DDR4 2133/2400/2666 RDIMM, Up to 512 GB, 288-Pin DIMM x 16 (8 DIMM Per CPU) |
| Network | |
| Ethernet | Depends on NIM, onboard (GbE LAN x 2) |
| Bypass | Depends on NIM module |
| NIM Slot | 8 |
| Display | |
| Graphic Controller | Mini-Card VGA (Optional) |
| Connector | VGA cable (Optional) |

Dimension

Unit: mm



Ordering Information

| Part Number | CPU | RAM | Cooler | Storage | Display | LAN | USB | Console | RS-232 | KB/MS | Bypass | NIM Slot | Expansion Slot | Mounting | Power |
|-----------------------|--|--------------------|----------------|--|---------|---------|-------------|-----------|--------|-------|--------|----------|---|--------------|----------------------|
| FWS-8500S1-R65-A10-01 | Intel® Xeon® Processor E5-2600 v3 / v4 Series, FCLGA2011 | DIMM, Up to 512 GB | System fan x 5 | 3.5" HDD Bay x 1 CompactFlash™ Socket x 1 | — | GbE x 2 | USB 2.0 x 2 | RJ-45 x 1 | — | — | — | 8 | PCI-E(x8) slot x 2 (Optional) Mini-PCIe slot x 1 | 2U Rackmount | 650W Redundant Power |

Packing List

- Gift Box (Including Console Cable x 1, SATA Cable x 1, SATA Power Cable x 1, and Ear Bracket Kit x 1)
- CPU Cooler x 2
- FWS-8500

Optional Accessories

- **M028500000**
Slide x 2, Chassis Rail Kit
- **976185000E**
VGA Module, PER-V09V, No Packing
- **1702031803**
Power Cord, 3P-250V/10A, 180D, 1.8M, VDE, YP22/YP12
- **1702031802**
Power Cord, 3P-250V/10A, 180D, 1.8M, USA, YP22/YP12
- **170203180E**
Power Cord, 3P-25V/7A, 180D, 1.8M, PSE, YP12/YP12
- **NIM-S26A-A10-01**
Intel® Fortville XL710 PCI-Express 10G SFP+ 4 Ports Module for FWS-8500
- **NIM-S26B-A10-01**
Intel® Fortville XL710 PCI-Express 40G QSFP 2 Ports Module for FWS-8500
- **NIM-S13A**
Intel® 82580EB PCI-Express 1G SFP 8 Ports Module
- **NIM-C13A-A10-00**
Intel® 82580EB PCI-Express 1G Copper Ethernet 8 Ports Module