

FWA8308

Network Appliance

1U Mainstream 4th Generation Intel® Core™ i7/i5/i3 / Xeon®
Network Appliance with 8 GbE Ports



Specifications

| | |
|-----------------------|--|
| CPU | LGA1150 for 4th Generation Intel® Core™ i7/i5/i3 / Xeon® processors |
| Chipset | Intel® C226 PCH Chipset |
| Memory | 4x DDR3 DIMMs Max. 32GB, up to 1600MHz ECC or non-ECC |
| LAN | 1x Intel® I217LM GbE PHY w/ iAMT 9.0 support 7x Intel® I210-AT GbE LAN 5/6 & 7/8 Bypass |
| Expansion Slot | 1x mSATA socket 1x Mini PCI-E (mSATA compatible) socket 1 or 2 slots opening on rear panel |
| Storage | 1x 2.5" / 3.5" HDD drive bay (depending on SKU) 1x CF slot 1x Dual 2.5" HDD drive bay (optional) |
| USB | 2x USB 3.0 port on front panel Pin header for 6x USB 2.0 ports |
| Serial I/O | 1x RJ45 console, COM2 pin header |
| VGA | Pin header |
| LED | Power / Bypass Activity / Status |
| Power Supply | Full range 300W ATX power supply or 280W 1+1 Redundant power supply |
| Dimensions | 440 mm (W) x 411.5 mm (D) x 44 mm (H) 17.3"(W) x 16.2"(D) x 1.73"(H) |
| Weight | 9.0 kg (19.84 lbs) |
| Operating Temperature | 0°C ~ 45°C (32°F~113°F) |
| Storage Temperature | -20° ~ 70°C (-4°F~158°F) |
| Operating Humidity | 5% ~ 90% |
| Certification | CE/FCC |

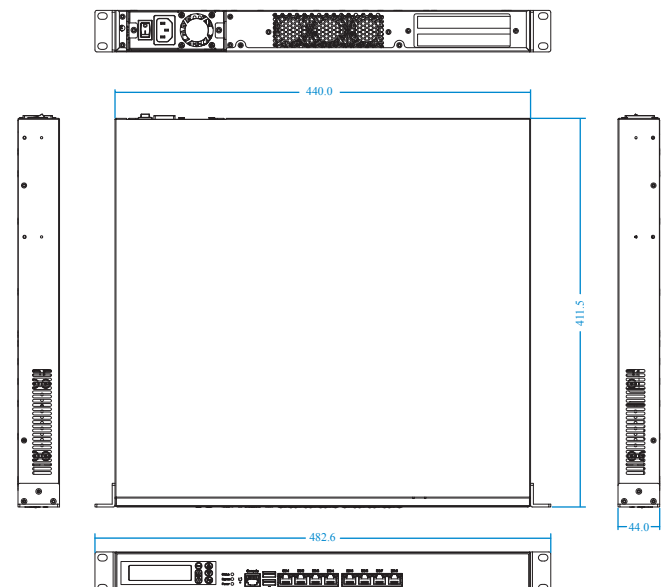
Features

- Supports 4th Generation Intel® Core™ i7/i5/i3 / Xeon® processors
- Advanced LAN Bypass
- 8x PCI-E GbE ports
- 4x DDR3 DIMMs; Max. 32 GB
- 3x system smart fans
- 1x CF slot, 1x Mini PCI-E (mSATA compatible)
1x mSATA socket
- Supports iAMT 9.0

Accessories

| | |
|--------------|--|
| MB968 | LGA1150 for 4th Generation Intel® Core™ i7/i5/i3 / Xeon®, C226 PCH, 1x Intel® GbE I217LM + 7x Intel® GbE I210-AT, LAN 5/6 & 7/8 Bypass, SATA connector, Mini PCI-E, CF & PCI-E expansion |
| VGA4 | VGA cable |
| IP331 | 1-to-1 PCI-E 8x riser card |
| IP332 | PCI-E 8x adapter card |
| IP333 | 2-to-2 PCI-E 8x riser card |
| 2.5" HDD Kit | Dual 2.5" HDD bracket |
| PK1-51 | Console cable, 160cm |
| USB2-7 | Dual port USB 2.0 cable, 300mm |

Dimensions



Ordering Information

| FWA8308 Series | Compatible CPU | FWA8308 Series System Configurations | | | | | | | | | Remarks |
|----------------|--|--------------------------------------|-----------------|---------------------|-----------------|------------------|-------------------------|-----------------------|---------------------------|------------------------|--|
| | | Front Expansion Card | IP331 1-1 Riser | IP332 PCI-E Adaptor | IP333 2-2 Riser | 3.5" HDD Bracket | Single 2.5" HDD Bracket | Dual 2.5" HDD Bracket | # of Rear Expansion Slots | Power Supply | |
| FWA8308 | E3-1275 v3 E3-1225 v3 E3-1268L v3 | Optional | 1 | 1 | N/A | N/A | 1 | Optional | 1 | 300W PSU | 1U 19" Rackmount, MB968, supports LGA1150 CPUs, 8x GbE. Eth5/6 & 7/8 Bypass, 300W PSU, LCM, CPU cooler, single 2.5" HDD bracket, IP331 and IP332, Barebone |
| FWA8308-RPSU | i7-4770TE i7-4770S i5-4570S i5-4570TE i3-4330 i3-4330TE | Optional | 1 | 1 | N/A | N/A | 1 | N/A | 1 | 280W 1+1 Redundant PSU | 1U 19" Rackmount, MB968, supports LGA1150 CPUs, 8x GbE. Eth5/6 & 7/8 Bypass, 280W 1+1 Redundant PSU, LCM, CPU cooler, single 2.5" HDD bracket, IP331 and IP332, Barebone |
| FWA8308-2SLOT | G3420 G3320TE G1820TE G1820 | N/A | N/A | N/A | 1 | 1 | N/A | Optional | 2 | 300W PSU | 1U 19" Rackmount, MB968, supports LGA1150 CPUs, 8x GbE. Eth5/6 & 7/8 Bypass, 300W PSU, LCM, CPU cooler, 3.5" HDD bracket, IP333, Barebone |

Compatible Expansion Cards

| Module Name | Interface | Ethernet Controller | Bypass |
|-------------|-------------------------------------|---------------------|-----------------|
| IBP161 | 4-port GbE RJ45 | Realtek RT8111E | Hardware Option |
| IBP162 | 2-port 10 GbE SFP+ | Intel® 82599ES | No |
| IBP163 | 2-port GbE RJ45 or SFP (Auto Sense) | Intel® i350-AM2 | No |
| IBP164 | Crypto Acceleration Card | Cavium CN6120 | No |
| IBP165 | 4-port GbE RJ45 | Intel® I210-AT | BIOS Control |
| IBP167 | 8-port GbE RJ45 | Intel® I350-AM4 | No |