

NCP-3108

Single Multi-Core MIPS64-based Cavium OCTEON™ Network Appliance



Features

- MIPS64 Octeon™ processor with 16 Cores each and up to 1 GHz
- Supports security, regular expression and de-/compression engine
- Up to 8 Gigabit Ethernet ports
- Supports one 64-bit/ 66 MHz PCI-X slot
- Supports two 2.5" SATA HDD

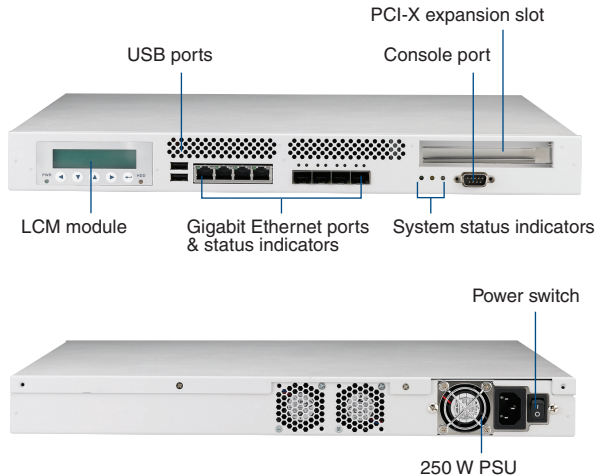
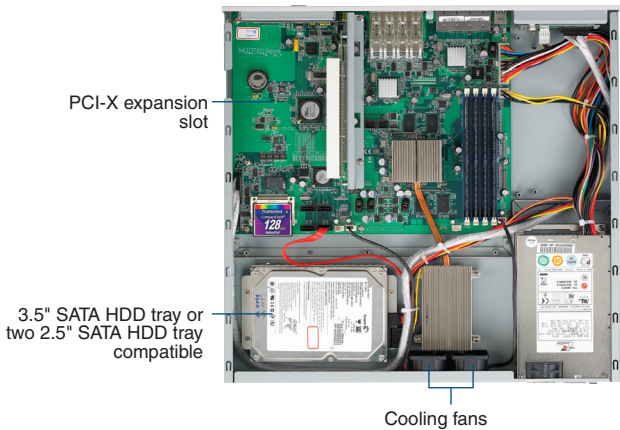
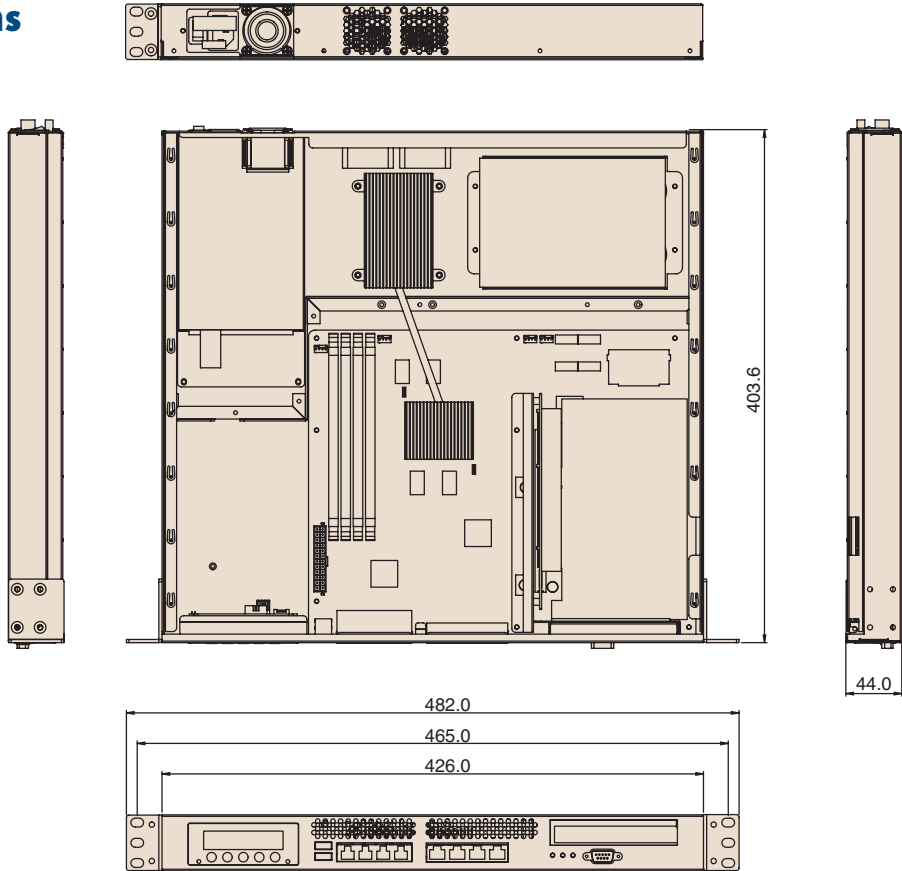


Specifications

| | | | |
|----------------------|--------------------------|---|----------------|
| Processor System | Processor | Cavium Octeon CN5860(SCP) | |
| | Max Speed | 500 Mhz / 800 Mhz | |
| | Processor Cores | 16 | |
| | Encryption Engine | Yes | |
| | TCP Acceleration | Yes | |
| System Memory | Memory Socket | Four 240-pin DIMM slots | |
| | Memory Type and Capacity | ECC registered DDR2 DIMM, up to 8 GB | |
| Boot Flash | Flash Type | S29JL064H x 1 | |
| | Max Flash Size | 64Mb | |
| Networking Interface | Ethernet Data Port | 100/1000 Mbps Gigabit ports x 4, with LED indicators | |
| Expansion | PCI-X Slot | SFP Connector x 4 | |
| Storage System | Controller | One 64-bit/ 66 MHz PCI-X Slot | |
| | Storage Interface | Silicon Image Sii3124-II SATA PCI 64-bit/ 66 MHz | |
| I/O Interface | Serial Port | Two 2.5" SATA H.D.D tray | |
| Power | Type/Watt | DB9 RS232 x 1 | |
| | Input | AC:Zippy H1U-6250P 250 W or DC: DP1A-6251F, 250 W | |
| Cooling | CPU Heatsink | AC 100 ~ 264 V _{ac} Full Range or DC DC48V input, ATX250 W | |
| | FAN | Passive Copper Fin Heatsink, with heatpipe | |
| Physical Dimensions | Dimension | 2 FANS | |
| | Weight | 426 (W) x 403.6 (D) x 44 (H) mm (16.8" x 15.88" x 1.7") | |
| Environment | | Temperature | Humidity |
| | Operating Environment | 0 to 40° C | 20% to 90 % RH |
| | Storage Temperatures | -20 to 70° C | 5% to 95 % RH |
| Compliance | EMC/Safety | CE/ FCC/ UL/CB | |

Dimensions

Unit: mm (inch)



Ordering Information

| Part Number | CPU |
|----------------|---------------------------|
| NCP-3108-FCABE | 1 x CN5860 (SCP) (800MHz) |