

NPC-8220 Performance Network Appliance with Intel® C612

Brief Introduction

NPC-8220 is a high-performance network application platform based on X86 architecture. The PC contains Intel® C612 chipset, supports up to two Intel® Xeon® processor E5-2600 V3/V4 family CPUs, onboard 16 DDR4 memory slots, and supports Windows 7/8.1/10, Windows Server 2008R2/2012/2012R2/2016 and Linux (Kernel 2.6 above) operating systems.

The PC adopts standard 2U, 19-inch rack mount and modular structure design, supports two standard PCIE X8 slots, one PCIE X8 slot (only provides X4 signal) and one CFAST card expansion. The PC also supports four ENS slots, four 3.5/2.5-inch drawable HDD bays or supports 8 ENS slots and two 2.5-inch HDD bays, varying from different configurations. The PC supports single power supply or redundant power supply, and can meet various network security application needs on the market.

NPC-8220 can be widely used in firewall, anti-virus wall, load balance, Internet access management and audit, application delivery, flow traffic management, VPN, DNS, IDS/IPS, UTM and etc.



Features

Based on Intel® C612

Support Intel® Xeon® E5 dual-channel CPU

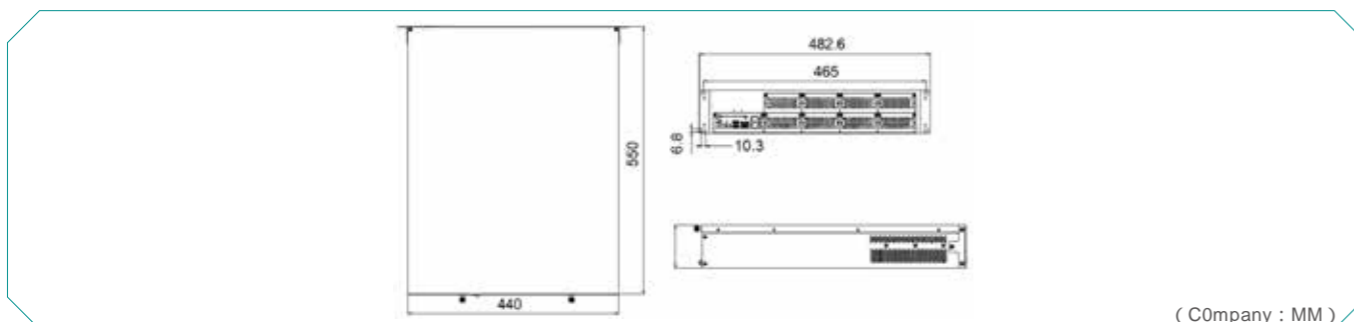
Support 16 x DDR4 DIMMs up to 512GB

Support 4 x 3.5" HDD and CFAST card

Onboard 2 x Gb LAN

Support 4/8 LAN module bay (ENS)

Product size chart



(Company : MM)

Specifications

| Items | | Specification |
|--------------|------------------------|--|
| System | CPU | Intel® Xeon® E5-2600 V3/V4 series |
| | Chipset | Intel® C612 |
| Memory | | 16 x 288PIN DDR4 DIMMs, up to 512GB Support un-buffered ECC or Non-ECC memory |
| Storage | SATA | 4 x 3.5" drawable SATA bay or 2 x 2.5" SATA bay |
| | mSATA | 1 x CFAST card socket optional |
| LAN | | 2 x 10/100/1000Mbps RJ45, LAN1 support PXE and IPMI |
| Expansion | | 2 x PCIEx8 3.0 (170mm L x 68.9mm H) 1 x PCIEx8 2.0 (x4 signal) (140mm L x 68.9mm H) 4/8 LAN module bay (ENS) |
| I/O | VGA | 1 x VGA optional |
| | Console | 1 x RJ45 type |
| | USB | 2 x USB 2.0 |
| LCD Module | | Optional |
| Power Supply | | AC 110V ~ 240V |
| Mechanical | Dimensions (W x H x D) | 440 x 88.1 x 550 mm |
| | Weight | 17.5kg |
| | Installation | 2U rack mount |
| EMC&Safety | | Meet CE, CCC |
| OS Support | | Windows 7/8/10, Linux |

Ordering Information

| P/N | Model | Description |
|-------------|----------------------|--|
| 0020-060351 | NPC-8220-01 Barebone | Barebone/Intel® C612/No CPU/No RAM/No storage/2 x LAN/4 x LAN module bays/4 x 3.5" SATA bay/ 550W redundant ATX |
| 0020-060361 | NPC-8220-02 Barebone | Barebone/Intel® C612/No CPU/No RAM/No storage/2 x LAN/8 x LAN module bays/2 x 2.5" SATA bay/ 550W ATX |
| 0010-087771 | NPC-8220-03 | Intel® C612/ 2 x E5-2620V3/2 x 8G DDR4/500GB HDD/2 x LAN/4 x LAN module bays/4 x 3.5" SATA bay/ 550W redundant ATX |
| 0010-087781 | NPC-8220-04 | Intel® C612/ 2 x E5-2620V3/2 x 8G DDR4/500GB HDD/2 x LAN/8 x LAN module bays/2 x 2.5" SATA bay/ 550W redundant ATX |