

NPC-8128 Mainstream Network Appliance with Intel® C236/H110

Brief Introduction

NPC-8128 a mainstream network application platform based on X86 architecture. The PC contains Intel® H110/C236 chipset, supports LGA1151 package Intel 6th-generation and 7th-generation i3, i5, i7, Xeon E3-1200 v5/v6 family processors(Among them, H110 platform does not support Xeon E3-1200 v5/v6 family), onboard two DDR4 memory slots, and supports Windows 7 32bit/64bit, Windows 8.1 64bit, Windows10 64bit, and Linux (Kernel 2.6 above) operating systems.

The PC adopts standard 1U, 19-inch rack mount and modular structure design, onboard six Gigabit electrical ports, supports up to three-group ByPass, one PCIE X8 slot and one CFAST card expansion (optional), also expandable to one (H110 chipset) or two (C236 chipset) ENS network modules. The PC can meet various network security application needs on the market.

NPC-8128 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® C236/H110

Support Intel® Xeon® E3, Core™ i7/i5/i3/Pentium®/Celeron® CPU

Support 2 x DDR4 DIMMs up to 32GB

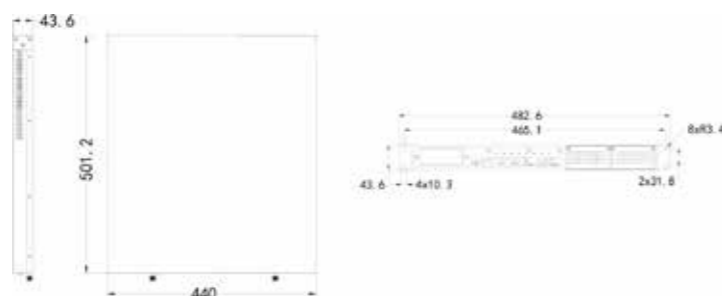
Support 3.5" HDD and CFAST card

Onboard 6 x Gb LAN

Support 1/2 LAN module bay (ENS)

Optional CRPS 1+1 redundant power supply

Product size chart



(Company : MM)

Specifications

| Items | | Specification |
|--------------|------------------------|--|
| System | CPU | C236: Intel® Xeon® E3-1200 V5/V6 series, 6th gen Core™ i7/i5/i3 H110: Intel® 6th gen Core™ i7/i5/i3 |
| | Chipset | Intel® C236/H110 |
| Memory | | 2 x 288PIN DDR4 DIMMs, up to 32GB |
| Storage | SATA | 1 x 3.5" SATA bay |
| | mSATA | 1 x CFAST card socket optional |
| LAN | | 6 x 10/100/1000Mbps RJ45, LAN1 support wake-on-line and PXE Support up to 3 Bypass |
| Expansion | | C236: 2 x LAN module bay (ENS) H110: 1 x 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 43.6 x 500 mm 440 x 43.6 x 550 mm (NPC-8128-05) |
| | Weight | 8kg |
| | Installation | Rack mount |
| EMC&Safety | | Meet CE, CCC |
| OS Support | | Windows 7/8/10, Linux |

Ordering Information

| P/N | Model | Description |
|-------------|----------------------|---|
| 0020-060851 | NPC-8128-02 Barebone | Barebone/Intel® C236/No CPU/No RAM/No storage/6 x LAN/2 Bypass/2 x LAN module bays/250W ATX |
| 0010-089211 | NPC-8128-02 | Intel® C236/i7-6700/8G DDR4/500GB HDD/6 x LAN/3 Bypass/2 x LAN module bays/250W ATX/LCD module |
| 0010-091121 | NPC-8128-02 | Intel® C236/E3-1275 V5/8G DDR4/500GB HDD/6 x LAN/2 Bypass/2 x LAN module bays/250W ATX/LCD module |
| 0020-060511 | NPC-8128-03 Barebone | Barebone/Intel® H110/No CPU/No RAM/No storage/6 x LAN/2 Bypass/1 x LAN module bays/180W ATX |
| 0010-091131 | NPC-8128-03 | Intel® H110/G3900/8G DDR4/500GB HDD/6 x LAN/1 x LAN module bays/180W ATX |
| 0010-091141 | NPC-8128-03 | Intel® H110/G4400/8G DDR4/500GB HDD/6 x LAN/2 Bypass/1 x LAN module bays/180W ATX |
| 0010-089221 | NPC-8128-03 | Intel® H110/i3-6100/8G DDR4/500GB HDD/6 x LAN/2 Bypass/1 x LAN module bays/180W ATX |
| 0020-061311 | NPC-8128-05 | Barebone/Intel® H110/i3-6100/8G DDR4/CFAST/6 x LAN/3 Bypass/1 x LAN module bays/300W redundant ATX/LCD module |