NPC-8118-03
19" 1U Rackmount Network Application Platform

Features

- Intel® LGA1155 package Sandy Bridge/Ivy Bridge CPU;
- Supports two 240Pin standard DDRⅢ 1066/1333MHz DIMM memory slots, supporting un-buffered ECC memory or Non-ECC memory, with a maximum memory capacity of 16GB;
- 1 x CF card, 1 x IDE DOM, 1 x 3.5″ or 2 x 2.5″ SATA HDD as storage, supporting RAID;
- 6 x 1000Mbps electrical port, supporting 2-group network Bypass;
- The platform supports up to 14 1000Mbps network ports by PCIE slot expansion;
- The font panel adopts PVC film neutral design, which facilitates quick customization;
- VGA port can be brought out without damage, which is convenient for debugging;
- Two screws to open the chassis, which is convenient for maintenance;
- External Bypass switch to facilitate maintenance.

Specifications

System configuration

Processor	Intel® LGA1155 package i3-2120, i5-2500, i7-2600, G850, G540 series CPU		Network chipset	Intel® 82583
Chipset	Intel® H61/B65		Network port	6 x 10/100/1000Mbps RJ-45 port

Processor: Intel® LGA1155 package i3-2120, i5-2500, i7-2600, G850, G540 series CPU
Chipset: Intel® H61/B65
Memory: Two 240Pin standard DDRⅢ 1066/1333MHz DIMM memory slots, supporting un-buffered ECC memory or Non-ECC memory, with a maximum memory capacity of 16GB(B65: 32GB)

Storage

SATA: 2 x SATA
CF: 1 x CF
IDE: 1 x IDE For DOM

IO ports

USB: 4 x USB
COM: 2 x COM

Network chipset: Intel® 82583
Network port: 6 x 10/100/1000Mbps RJ-45 port

Expansion bus

PCI: 0
PCI-E: 1 x PCIE x8
MINI-PCIe: /

Matched motherboards: NET-1818VD6N series
Operating environment: Temperature: 0℃~45℃/Humidity: 10%~95% (non-condensing)
Storage environment: Temperature: -10℃~55℃/Constant damp heat: (40)℃, (30-90)%RH
Power supply: 180W ATX
Others: /
Dimensions (W×H×D): 482.6mm x 436.5mm x 43.6mm

Matchable network expansion cards

Model No.	Network chipset	Network speed	Network port type	Bypass number
ENC-4211S/2201S	Intel® 82575/82576	1000Mbps	2 x SFP optical port	0
ENC-4211E/2211E	Intel® 82575/82576	1000Mbps	2 x RJ-45 electrical port	0/1
ENC-8411S/4401S	Intel® 82575/82576	1000Mbps	4 x SFP optical port	0
ENC-2421E	Intel® 82580	1000Mbps	4 x RJ-45 electrical port	2
ENC-8422ES	Intel® 82576	1000Mbps	2 x RJ-45 electrical port, 2 x SFP optical port	1
ENC-2211S	Intel® 82576	1000Mbps	2 x LC optical port	1
ENC-8211S	Intel® 82599	10000Mbps	2 x SFP+ optical port	0
ENC-8811S	Intel® 82576	1000Mbps	8 x SFP optical port	0

Ordering Information

Part No.	Model No.	Description
0020-056751	NPC-8118-03/NET-1818VD6N(B)-01	A 1U 19-inch rack mount network application platform, which contains Intel®H61 chipset and supports up to 14 1000Mbps network ports.
0020-056221	NPC-8118-01/NET-1818VD6N-01	Intel B65 / Intel® Sandy Bridge CPU/Onboard 6 RJ45/2 group BYPASS/ NET-1818VD6N-01/250W ATX