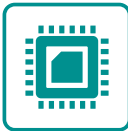# NPC-8230

High-performance Network Application Platform

NPC-8220 is a standard 2U rack-mounted high-performance network application platform with stronger CPU computing power, greater network throughput capacity and richer LAN port configurations. The complete PC adopts an Intel® C612 chip and supports two Intel® LGA2011 packaging Xeon E5-2600 V3/V4 series CPUs. The modular structure design supports 8 x ENS modules. By configuring the network module, it can support up to 64 x Gigabit LAN ports or 32 x 10-Gigabit optical ports to ensure efficient network data throughput. It is configured with 4 x hard disks and supports Raid cards to provide convenient big data storage. The product can be widely used in network security application fields such as new-generation high-end application delivery, enterprise firewall, load balancing, UTM, IDS, IPS and VPN.
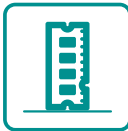
Product Features

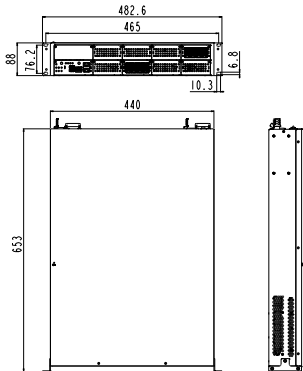Support dual-channel processor

Hard disk encryption

20 × memory slot

Abundant LAN ports

Abundant serial ports

Product Dimensions Drawing

(Please refer to the user manual to check detailed specifications and dimensions) (unit: MM)

Product Specifications

Item		Description
System Configuration	Processor	Supports 2 x Intel® Xeon Processor Scalable Family CPU (Skylake SP/Cascade Lake SP)
	Chipset	Intel®C621/C627
	Memory	20 × DDR4 memory slot, supporting RDIMM/LRDIMM memory, with a maximum memory capacity of 2560GB
Storage Port	SATA	Supports 4 × SATA3.0 interface, and 4 × ENS expansion model; supports 3 × hard disk bay, and 8 × ENS expansion model; supports 1 × 3.5-inch hard disk bay
	MSATA	1 × MSATA port, and 8 × ENS expansion models; 1 × M.2 KEY-B (optional)
	M.2	M.2 1 (KEY-B M.2 2280, optional)
I/O Port	USB	2 × USB3.0 pin at front and 1× built-in USB 2.0 pin
	COM	2 (1 x RJ45, 1 x RS-232 pin built-in)
Display Port		VGA
Network card chip		I210/I211
LAN Port		2 × 10/100/1000Mbps RJ-45 debugging LAN port, 4 × 10 Gigabit optical ports (optional), and 1 × IPMI (optional)
Expansion Bus	ENS	4 × ENS slot or 8 × ENS slot; 4 × ENS expansion model, supporting 3 × hard disk bay; 8 × ENS expansion models, supporting 1 × 3.5-inch hard disk bay and 1 × M.2 KEY B
	PCI-E	2 × PCIE X8 or 1 × X8 + 1 x 16X
Matched Motherboard		NET-2816 series
Working Environment		Temperature: 0℃-40℃/humidity: 10%-95% (non-condensing)
Storage Environment		Temperature: -20℃-70℃/humidity: 10%-95% (non-condensing)
Power supply		800W ATX redundant power supply (supports single or redundant power supply)
Dimensions (W×H×D)		NPC-8230-01/04: 440mm (W) × 88mm (H) × 653mm (D) NPC-8230-02/03: 440mm (W) × 88mm (H) × 659mm (D)
Operating system		Linux (CentOS, Red Hat, Ubuntu). Please refer to the product manual for details

Ordering Information

Part No.	Model	Description
0010-162371	NPC-8230-01/4210R*2/16G*2/2T/550W redundant	Standard 2U rack-mounted chassis NPC-8230-01/ C621 platform/2*4210R CPU/2*16G DDR4 / 2*Gigabit electrical port/ 1*2T /8 × ENS slot/2 × PCIE slot/550W redundant power supply/2U network system platform
0010-163451	NPC-8230-02/4210R*2/16G*2/2T/550W redundant	Standard 2U rack-mounted chassis NPC-8230-02/C621 platform/2*4210R CPU/2*16G DDR4/2*Gigabit electrical port/1*2T/4 × ENS slot/2 × PCIE slot/550W redundant power supply/2U network system platform
0020-066241	NPC-8230-03/550W redundant power supply	Standard 2U rack-mounted chassis NPC-8230-03/Intel C621 platform/supporting two Xeon Scalable CPUs/20×DDR4 memory slots/4 × ENS slot/2 × PCIE slot/4 × 3.5-inch hard disk/550W redundant power supply
0020-066221	NPC-8230-04/550W redundant	Standard 2U rack-mounted chassis NPC-8230-03/Intel C621 platform/supporting two Xeon Scalable CPUs/20 × DDR4 memory slot/8 × ENS slot/2 × PCIE slot/1 × 3.5-inch hard disk/550W redundant power supply

Note: EVOC Intelligent reserves the right to final interpretation of product specifications and ordering information etc.