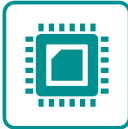# NPC-8228-02

Network Application Platform

NPC-8228-02 is the 3rd Gen 2U19" dual motherboard gatekeeper product of EVOC. Based on X86 architecture, it adopts Intel mainstream chipset C236 and supports Intel® LGA1151 packaging SkyLake and KabyLake series E3\I7\I5\I3 Xeon, Core, Pentium and Celeron 10th Gen processors. The memory of a single-layer motherboard can reach 32GB. The complete PC is designed with several EVOC patents or special technologies, and its performance far exceeds that of the previous generation of H61 platform products.

Product Features

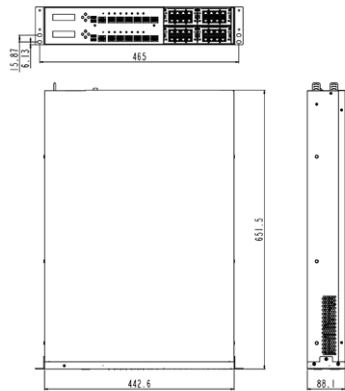| Supports multiple series of processors	Multiple hard disk bays	Supports multiple power supplies	Abundant LAN ports	All-round reinforcement	Quick customization

Product Dimensions Drawing

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

Product Specifications

Item		Description
System Configuration	Processor	C236: supports LGA1151 packaging i3, i5, i7 Core 6th/7th Gen processors, Xeon E3-1200 v5 and v6 series processors H110: supports LGA1151 packaging i3, i5, i7 Core 6th/7th Gen processors
	Chipset	Intel C236 (optional Intel H110)
	Memory	Single board: provides 2 x 288Pin standard DDR4 memory slot, and the total capacity of the complete PC can reach 32GB (UDIMM memory is selected)
Storage Port	SATA	Single board: supports 4 x SATA3.0 port, and standard configuration of 1 x hard disk bay (3 x SATA3.0 port free)
	MSATA	Single board: 1 x Cfast slot optional (occupying 1 x SATA3.0 resource)
I/O Port	USB	Single board: provides 2 x USB port (front), 2 x USB2.0 pin (built-in) and 1 x USB3.0 pin (built-in)
	COM	Single board: provides 1 x RJ45 Console port (front) and 1 x RS232 serial port pin (built-in)
Display Port		Single board: provides 1 x VGA port
Network Card Chip		Intel® I210/I211
LAN Port		Single board: provides 6 x Gigabit electrical port
Bypass		Single board: onboard 8-channel GPIO port
Expansion Bus	PCIE	Single board: onboard 1 x PCIE 8X slot
	ENS	Single board: 2 x ENS expansion slot can be selected for the C236 chipset; the H110 chipset has no ENS expansion slot
Matched Motherboard		NET-1828VD6N motherboard series
Working Environment		Working temperature: 0°C -40°C
Storage Environment		Storage temperature: -20°C ~ 70°C; storage humidity: 10% ~ 90% (non-condensing state)
Power supply		Supports 550W ATX redundant power supply
Overall Dimensions (excluding mounting ears)		440mm(W)x88mm(H)x651mm(D)
Supported Operating Systems		Linux OS (kernel version 2.6 and later). Please refer to the product manual for details

Ordering Information

Part No.	Model	Description
0010-126931	NPC-8228-02/I7-6700*2/8G*2/1T*2/550W redundant power supply	Intel C236 platform/dual motherboard gatekeeper/I7-6700*2/8GB memory*2/onboard 6 x electrical port*2/2 groups of BYPASS *2/supports 2 x ENS network card expansion module *2/2U network platform/with NET-1828VD6N-03 motherboard*2/550W ATX redundant power supply*1
0010-124751	NPC-8228-02/E3-1275V5*2/8G*2/1T*2/550W redundant power supply	Intel C236 platform/dual motherboard gatekeeper/E3-1275 V5*2/8GB memory*2/onboard 6 x electrical port*2/2 groups of BYPASS *2/supports 2 x ENS network card expansion module *2 / 2U network platform/with NET-1828VD6N-03 motherboard*2/550W ATX redundant power supply*1

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