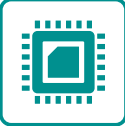# N15-01

Network Application Platform

The N15-01 is a standard 1U 19" rack-mounted mainstream network application platform, using Intel Atom C3000 and REFRESH series FCBGA1310 packaging CPU. N15-01 has front 6 x Gigabit electrical port + 2 x Gigabit optical port + 2 x 10-Gigabit optical port + 2 x network card expansion port and supports 1 x Mini-PCIe slot (accessible to VGA display module and 4G module), 1 x PCI-E slot (accessible to encryption card or accelerator card), 1 x SATA3.0 port, and 1 x MSATA slot, and it can meet the needs of various network security applications in the market.

N15-01 is mainly used in various network security application scenarios such as firewalls, anti-virus walls, VPN, Internet behavior management and audit, next-generation firewalls, traffic management, IDS, IPS, UTM and gatekeeper.
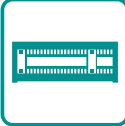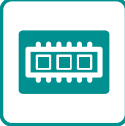
Product Features

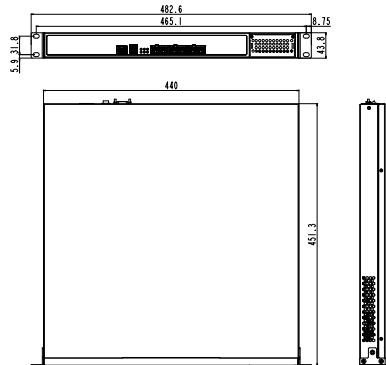| C3000 processor | 2 x DDR4 memory | 1 x mini-PCIe slot | Onboard 6 x Gigabit electrical port + 2 x Gigabit optical port + 2 x 10-Gigabit optical port | 1 x SATA 3.0 port and 1 x MSATA slot | Supports hard disk encryption and intrusion detection | Quick customization |

Product Dimensions Drawing

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

Product Specifications

Item		Description
System Configuration	Processor	Intel Atom C3000 series FCBGA1310 packaging, supporting C3000 and REFRESH full series CPU
	Chipset	C3000/C3000 refresh
	Memory	2 x DIMM memory slot, supporting UDIMM or RDIMM, and the maximum capacity of the complete PC is 128GB
Storage Port	SATA	Supports 1 x SATA port and 1 x hard disk bay
	MSATA	1 x MSATA slot (optional, multiplexed with 1 x CF)
IO interface	USB	2 x USB 2.0 port (front)
	COM	1 x RJ45 Console port (front); 1 x RS232 serial port pin (built-in)
Display Port		1 x VGA port (optional and can be led out at the rear). Note: If necessary, please indicate that VGA is provided when placing an order
Network card chip		Intel® I210/I211
LAN port		6 x Gigabit electrical port + 2 x Gigabit/10-Gigabit optical port + 2 x 10-Gigabit optical port (up to 3 sets of BP optional)
GPIO		Supports 8-channel digital GPIO
Expansion Bus	PCIE	1 x standard PCIE 8X slot (X2 signal)
	ENS	Supports up to 2 x ENS network card expansion slot, and 1 x ENS network card expansion slot can be selected
Matched Motherboard		NET-1832VD10N(B) 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 150W single and redundant power supply
Overall Dimensions (excluding mounting ears)		440mm (W) ×44mm(H)×450mm (D)
Supported Operating Systems		Linux OS (kernel version 2.6 and above). Please refer to the product manual of EVOC for details

Ordering Information

Part No.	Model	Description
0010-189821	1 x N15-01-13/C3558R/8G/1T/150 redundant power supply	Standard 1U rack-mounted network complete PC/C3558R/8G/6 x Gigabit electrical port/2 x Gigabit optical port/2 x 10-Gigabit optical port/2BP/1T/150W redundant power supply
0010-189831	N15-01-14/C3558R/8G/1T/150 single power supply	Standard 1U rack-mounted network complete PC/C3558R/8G/6 x Gigabit electrical port/2 x Gigabit optical port/2 x 10-Gigabit optical port/2BP/1T/150W single power supply

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