



N15-02

1U Rackmount Main Stream Network Application Platform

- Adopt Intel® Atom™ J1900 chipset
- 1 x SO-DIMM memory slot, up to 8GB DDR3L
- 1 x MSATA (CF optional), 1 x SATA, can be used as storage
- Provide 6 x giga electrical port or 6 x giga electrical port + 2 x giga optical port
- 1 x mini-PCIE slot(option), 1 x standard PCIE slot support ENS expansion card, encryption card or separated card)
- Widely used in in entry-level firewalls, behavior management and auditing, flow control and other network security applications.



Specifications

System configuration	CPU	Intel® Atom™ J1900
	Memory	1 x SO-DIMM memory slot, up to 8GB DDR3L
Storage port	SATA	1
	mSATA	1
	CF	Optional, alternative with MSATA
IO port	USB	2
	COM	1
Display port		VGA
Network chipset		Intel® I211
LAN port		6 ↑ 10/100/1000Mbps RJ-45 port
Expansion bus	PCIE	1 x standard PCIE 8X, support encryption card. Support ENS card after mounting adapter board (optional)
	MINI PCI-E	1* (optional)
Matching motherboards		NET-1837 series
Operating environment		Temperature: 0°C~45°C/Humidity: 10%~ 95% (non-condensing)
Storage environment		Temperature: -40°C~70°C/Constant humidity and heat: (40)°C(10-95)%RH (non-condensing)
Power supply		AC 220V input, Single 60W PSU, optional Redundant PSU
Power Consumption		27.8W (standby-by status) 31.2W (running stress software 100% loaded)
Dimensions (W×H×D)		482.6× 43.6 × 300 mm (standard 1U rackmount)
Operating System		Linux (Kernal 2.6 and higher)

**Ordering Information**

Part Number	Model Number	Description
0010-151981	N15-02-01/NET-1837/J1900/ 8GB/6electric ports/2BP/1TB/60W	1U Rackmount/Intel J1900 chipset/ 8G/1T HDD/6x onboard electric ports/2x Bypass/1xPCIE slot/60W power supply
0010-151991	N15-02-02/NET-1837/J1900/ 8GB/6electric +2optical ports/2BP/1TB/60W	1U Rackmount/Intel J1900 chipset/ 8G/1T HDD/6x onboard electric ports+2 x optical ports/2x Bypass/1xENS expansion/60W power supply

Optional ENS module

P/N	Model	Network Chip	Speed	Qty	Type	Bypass Qty
0070-002711	ENS-2403S	Intel® i350	GbE	4	SFP optical port	0
	ENS-2401E	Intel® i350	GbE	4	RJ45 electrical port	0
	ENS-4203S+	Intel® 82599	10GbE	2	SFP+optical port	0
	ENS-4207S+	Intel® X710	10GbE	2	SFP+optical port	0