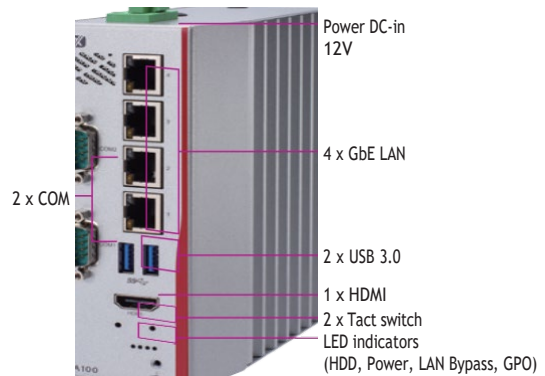


dNR100 NEW

DIN-Rail Industrial-grade Network Appliance Platform with Intel Atom® x5-E3930 Processor and 4 LAN

Features

- DIN-rail design with fanless and noiseless design
- Intel Atom® x5-E3930 processor (Apollo Lake)
- One DDR3L-1866 SO-DIMM for up to 8GB of memory
- Four GbE RJ-45 (Intel® i211)
- PCI Express Mini Card slot for wireless module
- Supports 2 COM, 4 GbE LAN, 2 USB 3.0 and 1 HDMI
- Suitable ICS cybersecurity/critical infrastructure protection



Specifications

System	
CPU	Intel Atom® x5-E3930 processor (Apollo Lake)
Chipset	SoC integrated
Memory	1 x DDR3L-1866 SO-DIMM, up to 8GB non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x Half-size mSATA (occupied 1 x PCI Express Mini Card slot) 1 x Internal 2.5" SATA drive (9.5 mm height)
Network Interface	4 x GbE RJ-45 (Intel® i211)
I/O	2 x DB9 serial port (COM1 supports RS-232, COM2 supports RS-232/422/485) 4 x RJ-45 2 x USB 3.0 1 x HDMI 2 x Tact switch (1 x reset button, 1 x GPI button)
Other Features	LAN Bypass (one pair)
Expansion Interface	1 x Half-size PCIe Mini Card slot with SATA/USB signal 1 x Full-size PCIe Mini Card slot with USB signal
TPM	TPM 2.0
Watchdog Timer	255 stepping for system reset
Power Supply	1 x 2-pin terminal block 12V
OS Compatibility	Win 10, Linux (Yocto project)

Mechanical/ Environmental

Form Factor	DIN-rail, Wall mount (optional)
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temperature	-20°C to +60°C (-4°F to +140°F)
Humidity	10% - 95% RH, non-condensing
Chassis Material	Aluminum and steel
Dimensions	54 mm (2.13") (W) x 120 mm (4.72") (D) x 150 mm (5.9") (H)
Weight (net/gross)	1.1 kg (2.43 lb)/2.0 kg (4.41 lb)
Certifications	FCC class B/CE class B

Ordering Information

Standard	
dNR100 (P/N: E27B100100)	DIN-rail industrial-grade network appliance platform with Intel Atom® x5-E3930 processor and 4 GbE LAN

Optional	
2.5" SATA SSD or HDD	
DDR3L SO-DIMM	
mSATA	
Wall mount kits	
Wi-Fi Module	
3G/LTE Module	
12V, 60W adapter	
Power Cord	

* Specifications and certifications may vary contingent on options.

Dimensions

