

NA342

Desktop Network Appliance Platform
with Intel® Celeron® Processor J1900
Processor and 4 LANs



▲ Front view



▲ Rear view



Specifications

System	
CPU	Intel® Celeron® J1900 processor (Bay Trail) Intel® Atom™ E3825 processor (optional)
Chipset	SoC Integrated
Memory	1 x DDR3L SO-DIMM socket max up to 8 GB non-buffer
BIOS	AMI 16 Mbits PnP Flash with function of BIOS redirected to COM port
Storage	1 x CompactFlash™ type-II, 1 x 2.5" SATA HDD
Network Interface	4 x 10/100/1000Mbps Ethernet (Intel® i211, 6 ports for project base)
Watchdog Timer	Up to 8 stepping for porting
I/O Interface	1 x console RJ-type connector, 2 x USB connectors, 4 x RJ-45 connectors
USB	1 x USB 2.0 & 1 x USB 3.0 port on front side
Expansion Slot	PCIe Mini Card (USB transaction bus)
Other Features (Optional)	LAN bypass function through latch relay (one group)
Power Supply	1 x 12V, 5A power adaptor
OS Compatibility	Linux Redhat Kernel 2.6

Mechanical / Environmental

Form Factor	1U desktop
LED	Power, HDD, Link/Act with transfer rate, LAN bypass (optional), GPIO programmable
Operating Temp.	0°C ~ +40°C (32°F ~ 104°F)
Storage Temp.	-20°C ~ +70°C (-4°F ~ +185°F)
Humidity	10% ~ 90% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231.9 mm (9.00") (W) x 152 mm (5.98") (D)
Weight (net/gross)	2.5 kg (5.51 lb)/2.9 kg (6.39 lb)
Certification	FCC class B / CE class B

Features

- Low power Intel® Celeron® processor J1900
- Supports four 10/100/1000Mbps Ethernet ports (Intel® i211)
- Supports BIOS redirected to COM port
- Supports one 2.5" SATA HDD
- Supports Wi-Fi/3G/LTE through Mini PCIe for optional use
- Suitable for VPN, network bandwidth controller, firewall applications

Ordering Information

Standard	
NA342-D4GI-US (PN: E26E342103)	Desktop network appliance with Intel® Celeron® J1900 processor and 4 GbE LAN ports

optional

5916E552000E	DB9F- RJ45 1.8M Console cable For Cisco
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* Specifications and certifications are based on options and may vary.

** Recommend ordering optional cable kit with first order.

Packing List

1 x power cord
1x utility CD (user's manual and driver)

Dimensions

