



Features

- Intel Atom E3845 (4 Cores) AES-NI
- 1 x DDR3L 1333MHz SODIMM, Max. 8GB
- 4 x Rj45 GbE LAN, 1 x Rj45 Com Port
- 1 x HDD/SSD Slot, 1 x mSATA, 1 x eMMC
- 1 x HDMI, 2 x Reset button, 2 x Power button
- 24-bit GPIOs, 3 x Mini-PCIE for LTE and WiFi

Specifications

Processor System

CPU	Intel Atom E3845
Frequency	1.9 Ghz (Quad Core)
L2 Cache	2MB
BIOS	AMI 64Mb
AES	AES-NI
Fanless	Yes

Memory

Technology	DDR3L 1333MHz
Max. Capacity	8GB
Socket	1 x 204 pin SODIMM

Display

HDMI	1 x HDMI
Max. Resolution	2560 x 1600 @ 60Hz

Ethernet

Interface	4 x Rj45 Gigabit
Connector	Rj45
Controller	Intel i211AT
Speed	10/100/1000 Mbps
PoE	No

Watchdog Timer

Output	System Reset
Internal Timer	Programable 1 - 255 sec. 1 - 255 Mins, Disable

Physical

Dimension	6 x 7.5 x 1.5 IN (LxWxH)
Weight	2.4 Lbs (Approx.)

Internal I/O

Serials	1 x RS-232, 2 x TTL
Reset Button	2
Power Button	2
USB	2 x USB2 (Internal) 1 x USB 2.0, 1 x USB3.0 (Type A)
GPIO	24-bit
Serial Speed	Transfer up to 1 Mbits/s
SIM Slot	Yes
SIM Cutout	Available on Request

Storage

mSATA	1 x full size mSATA
eMMC	1 x eMMC 4.5
SATA	1 x SATAII (Max. Transfer 3.0Gb/s)

Expansion

Mini_PCIe1	mSATA
Mini_PCIe2	WiFi
Mini_PCIe3	4G/LTE, WiFi

Power

Power input	12V ±10% only
Typical Power	0.5A @ 12V (5.28W)
Max. Power	5A @ 12V (60W)

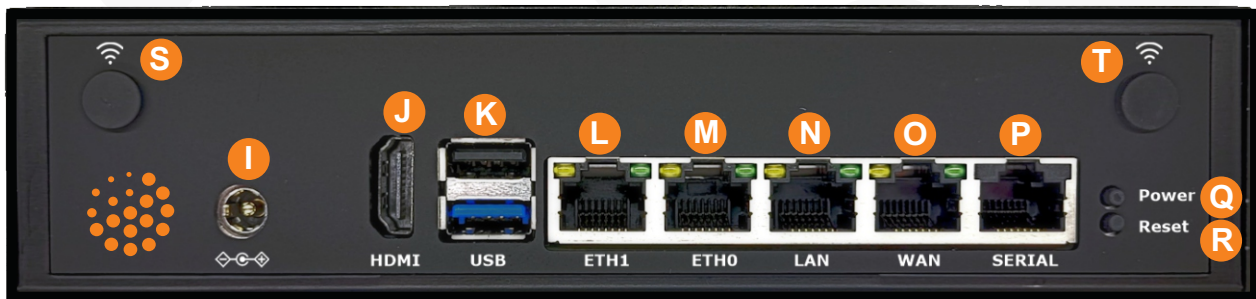
Environment

Operating	0°C ~ 60°C
Non-Operating	-40°C ~ 85°C
Opt. Humidity	10 - 95% RH
Non-Opt. Humid.	5 - 95% RH

Product I/O View



- A** Power LED
- B** HDD Activity LED
- C** Mode Switch
- D** Front Reset Button
- E** Front Power Button
- F** LED 1 (GPIO Pin Bd16)
- G** LED 2 (GPIO Pin Bf14)
- H** LED 3 (GPIO Pin Bc14)



- I** DC Power Connector
- J** HDMI Connector
- K** External USB Ports
- L** igb3 (ETH4)
- M** igb2 (ETH3)
- N** igb1 (ETH2)
- O** igb0 (ETH1)
- P** External Serial Port (Rj45)
- Q** Rear Power Button
- R** Rear Reset Button
- S** SMA Cutout 1
- T** SMA Cutout 2

Customization

- SMA Cutouts** Extra cutouts can add if required.
- Ports Labels** Custom Ports Labels can print based on requirements.
- Logo** Your company logo can print on system enclosure.
- BIOS** Custom BIOS configurations available on bulk deployment.
- OS** Custom OS pre-installed systems can ship worldwide.
- Configuration** Hardware customization is available.