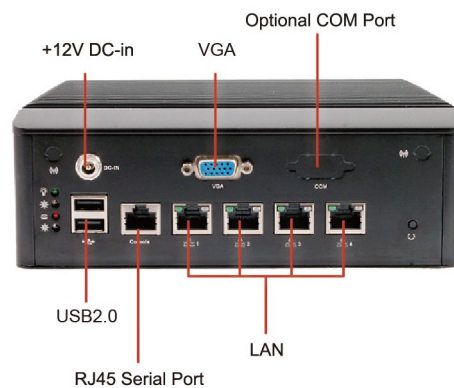
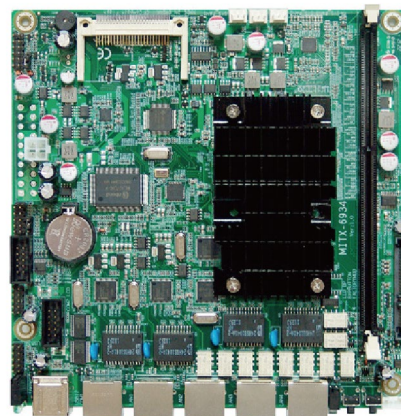




Intel Atom Small Form Factor 4 Gigabit Ethernet with Bypass Segment Server/Security Appliance

Features:

- Intel Atom N2800 "Cedarview" Processor
- 4X Gigabit Intel 82586V Ethernet Ports w/ Lan Bypass Option
- Selection of Single DC Power Or ATX Power
- Built In GPIO Ports With LED Control Options
- SATA II And Compact Flash Slot Available
- Fanless Passive Cooling
- Thin Mini-ITX Form Factor
- Supports 64-Bit Operation Systems



Introduction:

The BIS-6634 is a 4 Gigabit Ethernet port complete system. Equipped with four Intel 82583V gigabit Ethernet ports and powered by the Intel Atom N2800, this system is sure to take on a number of networking and communication tasks. The BIS-6634 can be used as a security gateway to act as a firewall, virtual private network and perform the duties of a Intrusion Detection/Prevention System. It can also handle network communications such as VOIP and IP PBX. Additional network appliance features include GPIO programmable LEDs and programmable watchdog timer reset . This system also includes a total of four USB 2.0 ports and an RJ-45 console port. An optional DB9 Serial port can be added with minimal effort. The industrial fanless design ensures reliability. However, in the event of a system failure, the LAN bypass feature will ensure that your network won't be unintentionally disabled. Whether you need a device for network communications or a complete Unified Threat Management system, the BIS-6634 is the clear choice.

Specification :

Processor	Intel Atom N2800 1.86 GHz
Chipset	Intel NM 10
BIOS	AMI
System Memory	1x 240-pin DDR3 DIMM Slot, Up to 4GB Low Profile Single Sided Only
Ethernet	4x RJ45, Intel 82583V GbE
Bypass Segment	1x Bypass Segment
Storage	1x SATA 3Gb/s, 1x CF Socket
Expansion	-
Cooling System	Fanless Passive Heatsink
Power Supply	12V DC 2.5mm Power Jack
Graphic Controller	Intel Integrated GMA3650
Video Memory	-
Display Interface	1x VGA
Display Interface	1920 x 1200
Serial Port	1x RS-232 RJ45, 1x RS-232 DB9 Optional
USB	4x USB2.0 (2x Front, 2x Rear)
PS/2 Port	-
Digital I/O	8bit GPIO Header
Audio	-
Rear Panel	1x VGA, 1x RJ45 COM, 4x RJ45 LAN, 2x USB
Front LED/Control	Power LED, HDD LED, Power Button, 2x USB
Wake on LAN	Yes
Watchdog Timer	Programmable Timer System Reset
Features and Options	Built in LED with GPIO Control Options, One LAN Bypass Segment
Enclosure Materials	Aluminum + Steel
Coating Processes	Aluminum Oxidation
Mounting Option	100mm x 100mm VESA Mount Ready
Color	Black (default), Custom Color Available On OEM Order
Operating Temperature	0 ~ 60° C (32 ~ 122° F)
Dimensions	190x 190x 67mm (7.5"x 7.5"x 2.6" WxDxH)

ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 9 years' experience, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon vendors like Intel, NXP, ST, Rockchip, Allwinners and so on, we have earned trust from clients worldwide in over 30 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

