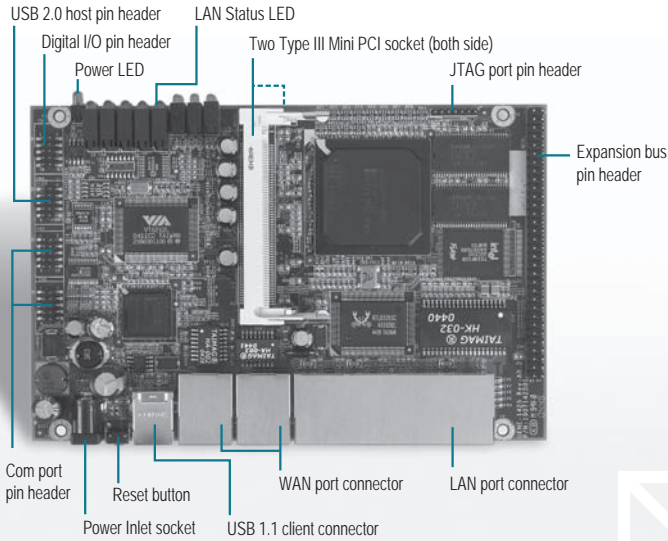


GENE-1425

Industrial Computing Platform Partner

Intel® XScale IXP420/422/425 Network Processor



Features

- Intel® XScale IXP420/422/425 Network Processor
- MontaVista Linux Pre-installed in Onboard Flash Memory. No License Fee Required.
- 2 WAN ports / 4 LAN Ports
- 2 COM / 2 USB 2.0 Host
- Supports 2 Type III Mini PCI Slots
- JTAG Port for Debug Tools
- +9V to +24V Input



Specifications

System	
CPU	Onboard Intel® XScale IXP420/422/425 266/533MHz Network Processor
System Memory	Onboard 32/64MB SDRAM
Ethernet	Realtek RTL8305SC for one WAN port and four LAN ports. Intel® 82551QM for an additional WAN port. 10/100Base-TX RJ-45 connector x 6
Boot Loader	RedBoot
Watchdog Timer	Generate a time-out system reset, setting via software
SSD	Intel® StrataFlash 16MB, Type II CompactFlash™ slot x 1
Expansion Interface	Type III Mini PCI socket x 2, Expansion bus
Power Requirement	+9V to +24V
Board Size	6.14"(L) x 4"(W) (156mm x 101.6mm)
Gross Weight	0.88lb (0.4kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
I/O	
MIO	RS-232 x 2 (COM1:full modem control signals, COM 2: Tx,Rx,CTS,RTS only)
USB	One 5x2 pin header supports 2 USB 2.0 host ports. One USB Type B connector supports USB 1.1 client port
Digital I/O	Supports 4 in & 4 out

Packing List

- 1757902000 +12V Output Power Adapter
- 1701100207 Serial Port Cable (x2)
- 1709100201 USB Cable
- Null Modem Cable
- Cross Over Ethernet Cable
- Quick Installation Guide
- Utility CD
- GENE-1425

Ordering Information

- **GENE-1425-A10**
RISC, IXP420, 32MB RAM, 4 LAN, 2 WAN, 2 COM, USB 2.0, 16MB Flash, CF, 2M-PCI, Rev.A1.0