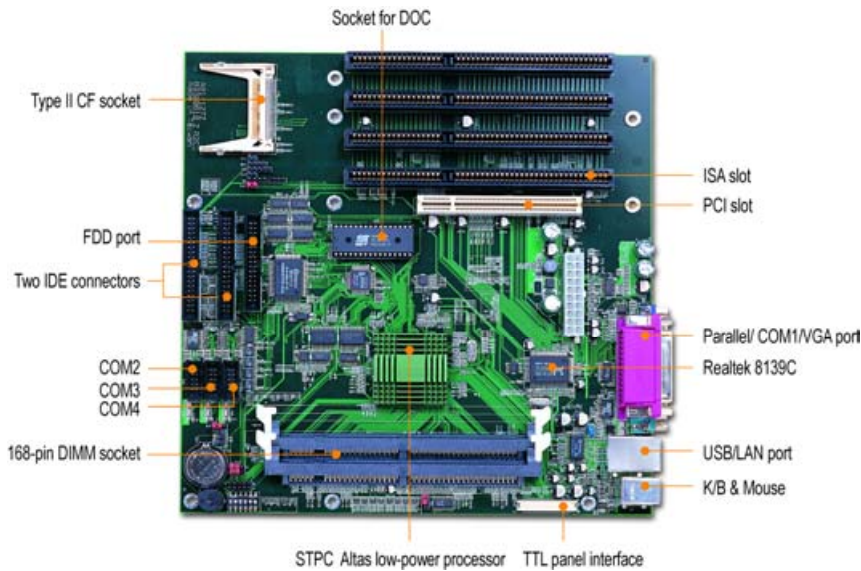


PEB-7431VL

Micro ATX industrial motherboard, based on low power STPC Atlas Processor (System-on-Chip) with VGA and LAN



Feature

- Standard Micro ATX form factor compliant with most of enclosures and power supplies
- Reliable low power STPC Atlas 5x86 processor 133 MHz
- On-board standard VGA and I/O
- On-board 10BASE-T/100BASE-TX Ethernet
- Up to 128 MB SDRAM on two 168-pin DIMM sockets
- Three ISA and one PCI/ISA slots for system expansion
- Type II CF socket for 8~320 MB CompactFlash disk

System

CPU	Low power STPC Atlas processor 133Mhz
Chipset	STPC Atlas System-on-Chip
Memory	Up to 128MB SDRAM one two 168-pin DIMM sockets
L2 Cache	N/A
BIOS	Award (2Mb Flash ROM)
SSD	Type II Compact Flash Socket (Support 8~320MB Compact Flash or IBM Microdrive)
Storage Devices	Four EIDE devices (Two EIDE devices if used with CF card); two FDDs
Watchdog Timer	Adjustable via hardware jumper with interval resolution setting from 0.5 sec. to 64 sec.
Expansion Interface	ISA x3, PCI/ISA x1
Hardware Monitoring	N/A
Power Requirement	+5V@1.5A
Dimension	224 (L) x 224 (W) mm; 8.8"(L) x 8.8"(W)
Environmental	Operation temperature: 0~55 °C Storage temperature: -20~75 °C Operation humidity: 5~95%

I/O

MIO	RS-232 x2, RS-422/485 x2, Parallel port x1
IrDA	N/A
Ethernet	RealTek 8139C, 10BASE-T/100BASE-TX, RJ-45 x1
Audio	N/A
USB	2
Mouse & KB	1

Display

Chipset	STPC Atlas System-on-Chip
Memory Size	Up to 4MB shared memory
Resolution	1280 x 1024 x 8bpp @ 75Hz
LCD interface	TTL, 18-bit
TV-out	N/A

Ordering Information

Standard

PEB-7431VL Low Power STPC Atlas 133MHz processor based Micro ATX Industrial Motherboard with VGA and Fast Ethernet

Packing List

User's manual	x1
Utility CD	x1
HDD cable	x1
FDD cable	x1
two Serial port cable with bracket	x1
one parallel port cable with bracket	x1

