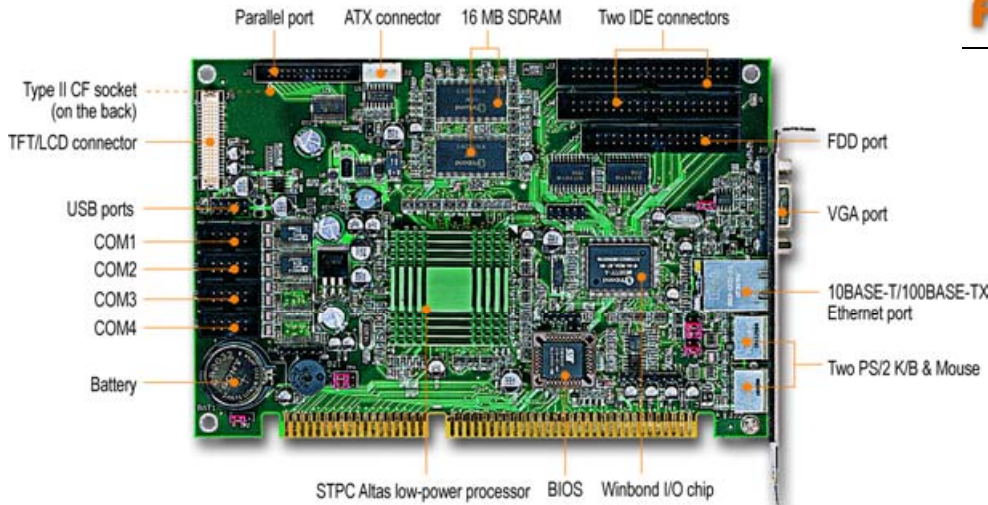


PEB-5431VL

Half-sized ISA SBC, based on low power STPC Atlas processor (System-on-Chip) with VGA LCD and LAN



Feature

- Standard half-sized ISA card for most of the legacy system designs
- Reliable low power STPC Atlas 5x86 processor 133 MHz
- On-board standard VGA/panel and I/O
- On-board 10BASE-T/100BASE-TX Ethernet
- On-board 16 MB SDRAM
- Type II CF socket for 8~320 MB CompactFlash disk
- Two RS-232 and two RS-422/485 ports

System

CPU	Low power STPC Atlas processor 133MHz
Chipset	STPC Atlas System-on-Chip
Memory	On-board 16MB SDRAM
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 FDDs
Watchdog Timer	Adjustable via hardware jumper with interval resolution setting from 0.5 sec. to 64 sec.
Expansion Interface	ISA bus through Standard ISA back plane
Hardware Monitoring	N/A
Power Requirement	+5V@1.6A
Dimension	185(L) x 121.5(W) mm; 7.3"(L) x 4.8"(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 8 bpp @ 75Hz
LCD interface	TTL, 18-bit
TV-out	N/A

Ordering Information

Standard

PEB-5431VL Half-size low power STPC Atlas processor 133MHz based ISA SBC with VGA/LCD 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
2 ports USB cable with bracket	x1
ATX power cable	x1

Expand the ISA SBC with converter board

