

BOARD-PC

Model	SPI-8151-LLVA	SPI-8150-LLVA	SPI-6940-LLVA
CPU*1	Ultra Low Voltage, Intel® Celeron® Processor 650MHz, CPU on board	Ultra Low Voltage, Intel® Celeron® Processor 400MHz, CPU on board	Intel® Celeron® (FSB66MHz/100MHz) up to 850MHz Intel® Celeron® (FSB100MHz) up to 1.2GHz Intel® Pentium® III (FSB100MHz/133MHz) up to 866MHz Intel® Pentium® III (FSB133MHz) up to 1.26GHz
Cache	256KB (L2 cache)		Built in CPU
Processor socket	-		Socket 370
Memory(Optional)	Two DIMM sockets, PC100/133 SDRAM for up to 512MB		Three 168-pin DIMM sockets, PC133 SDRAM for up to 1.5GB, ECC support
Chipset	Intel® 815E		VIA Apollo Pro133T VT82C694T
BIOS	Award BIOS, PnP support		
VGA	Built in Intel® 815E, One DVI-I connector		Lynx SM722 chipset, VRAM 8M, One 15-pin HD-SUB connector
Keyboard / Mouse connector	One PS/2 keyboard / Mouse connector (Bundled the 2 In 1 cable), One box-header 5-pin connector for external keyboard		One PS/2 keyboard / Mouse connector (Bundled the 2 In 1 cable), One box-header 5-pin connector for external keyboard
Serial I/F	One box-header 10-pin connector : COM1 is RS-232C, One box-header 10-pin connector : COM2 is RS-232C/422/485		
Parallel I/F	One box-header 26-pin connector		
On-board expansion bus	PC/104		
LAN Port	100BASE-TX/10BASE-T Intel® ICH2, 82551 Two RJ-45 connectors, Wake On LAN support		100BASE-TX/10BASE-T Intel 82559ER, Two RJ-45 connectors
IDE I/F	Two box-header 40-pin connector, Support Ultra DMA 33/66/100 *1		Two box-header 40-pin connector, support Ultra DMA 33/66/100
SATA I/F	-		
FDD I/F	One box-header 34-pin connector, 2 mode		
Compact Flash Slot	One CF card (Type I/II) slot, Support boot-up from a card		
SSD Socket	DIP socket supports DiskOnChip flash disks (2MB to 144MB)		DIP socket supports DiskOnChip flash disks (4MB to 288MB)
USB Port	4ch USB 1.1compliant ports, Two box-header 10-pin connector		
RAID	-		
Audio	AC97 CODEC, One pin-header 10-pin connector (speaker-out, line-in, microphone-in)		
Watchdog Timer	15 levels, Reset or NMI (Jumper selectable)		
Hardware Monitor	Monitoring of the temperature of CPU and board, power supply voltage, and fan speed		
RTC	The backup time of the lithium battery is over 7 years at 25°C.		The backup time of the Lithium Battery is over 3 years at 25°C.
Power Management	Power management setup via BIOS, Modem Ring On/Wake On LAN Supports PC98/PC99 ACPI Power management		
Bus specification / Size	PICMG / 338mm (L) x 122mm (H) [13.3 inch x 4.8 inch]		
Power consumption (Max.)	+5VDC, 6.0A +5VSB, 0.3A	+5VDC, 4.2A +5VSB, 0.3A	[Pentium 3 FC-PGA2 1.26GHz] +5VDC, 13.0A, +12VDC, 0.5A +5VSB (Stand by), 1.0A
Operating temperature/ Humidity	0~60°C, 10~90%RH (No condensation)		
Weight	420g [14.8 oz]		

Note: *1: Please visit our website for updated information on supported CPUs.
*2: Secondary IDE port cannot be set to UltraDMA/66/100 when CF card is used.

Options for CPU Board

SPI-8151-LLVA / SPI-8150-LLVA	
Memory (PC2700 SDRAM Non-Parity)	
PC-MSD128-168V	SDRAM DIMM 128MB
PC-MSD256-168V	SDRAM DIMM 256MB
PC-MSD512-168V	SDRAM DIMM 512MB
CABLE	
USB Connector Cable	USB connector shielded cable
IDE-66 Cable	IDE Ultra ATA100/66 (80-pin Ribbon Cable)

SPI-6940-LLVA	
CPU	
PC686C-566	Celeron 566MHz
PC686C-850	Celeron 850MHz
PC686-700	Pentium III 700MHz
PC686-850	Pentium III 850MHz
PC686-1260	Pentium III Tualatin 1.26GHz
Memory (PC133 SDRAM, Non-Parity)	
PC-MSD128-168V	SDRAM DIMM 128MB
PC-MSD256-168V	SDRAM DIMM 256MB
PC-MSD512-168V	SDRAM DIMM 512MB
Memory (PC133 SDRAM, ECC)	
PC-MSD512E-168V	SDRAM DIMM 512MB ECC
LCD adapter board	
ADP-6940 *1	LCD adapter board
CABLE	
USB Connector Cable	USB connector shielded cable
IDE-66 Cable	IDE Ultra ATA100/66 (80-pin Ribbon Cable)

*1: Occupies 1 slot.

Box-PCs

Panel-PCs

Flat Panel Displays

Silicon Disk Drives

Option

Box PCs & Panel PCs with Windows CE

Single Board Computer

Chassis / Backplane

Analog I/O

Digital I/O

Counter & Motion Controller

Serial Communication

GPIO Communication

Remote I/O

Expansion Unit / Bus Adapter

Software

Accessories & Cables

Distributed Monitor & Control Network: F&EIT

Multi-Programmable Display

Wireless LAN

Remote Monitoring Solution

Service & Products

G-08

CPU Board