



PANEL-PC

Multiple Functions - Compact Body Touch Panel & All-in-one PC



IPC-PT 620 Series

Fanless Ultra Low Voltage Celeron 400MHz Panel PC 620 series

For Dimensions see Page B-04

	Chip Set 815E	Main Memory Max. 512MB SDRAM	Fan-less				
	PCMCIA (CardBus)	DVI (Includes VGA adapter)	LAN	Audio	15-inch TFT (1024×768)	15-inch TFT (1024×768)	12.1-inch TFT (800×600)
				■ PC Card slot ×1	■ PC Card slot ×1, PCI/ISA Bus slot ×2	■ PC Card slot ×1	■ PC Card slot ×1, PCI/ISA Bus slot ×2
				IPC-PT/H620X(PCW)C	IPC-PT/H620X(PCW)CP	IPC-PT/L620S(PCW)C	IPC-PT/L620S(PCW)CP

* Contec cannot guarantee that a 2.5" HDD will operate normally when used on a 24-hour basis. This type of use will drastically reduce the service life of the drive. Contec recommends the use of a silicon disk drive (SDD) when operating on a 24-hour basis.

User's manual shipped on CD. Optional CD-ROM / DVD-ROM drives are available.
Manuals can be downloaded from our website. (<http://www.contec.com/download/>)

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IPC-PT 630 Series

Fanless Ultra Low Voltage Pentium III 800MHz Panel PC 630 series

For Dimensions see Page B-04

	Chip Set 815E	Main Memory Max. 512MB SDRAM	Fan-less				
	PCMCIA (CardBus)	DVI (Includes VGA adapter)	LAN	Audio	15-inch TFT (1024×768)	15-inch TFT (1024×768)	12.1-inch TFT (800×600)
				■ PC Card slot ×1	■ PC Card slot ×1, PCI/ISA Bus slot ×2	■ PC Card slot ×1	■ PC Card slot ×1, PCI/ISA Bus slot ×2
				IPC-PT/H630X(PCW)C	IPC-PT/H630X(PCW)CP	IPC-PT/L630S(PCW)C	IPC-PT/L630S(PCW)CP

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Features of IPC-PT620, 630 series

- Equipped with Low Voltage Interl® Celeron® Processor 400MHz (FSB 100MHz) CPU and 256MB memory (IPC-PT620 series)
- Equipped with Low Voltage Interl® Pentium III Processor 800MHz (FSB 133MHz) CPU and 256MB memory (IPC-PT630 series)
- Natural air-cooled Fan-less system
- Reliable, virtually noiseless operation when used with CONTEC's PC-SDD V Series silicon disk drives (Silicon disks are ideal for use in harsh environments such as those experiencing extremes in temperature, humidity or vibration)
- Embedded CPUs and chipsets contribute to long-life availability
- CONTEC customized BIOS [Phoenix Technologies, Ltd.] provides BIOS level support
- Interfaces include PCMCIA (CardBus compliant), Audio (AC97 compliant), 100BASE-TX and RAS
- External secondary-IDE connector for optional CD-ROM
- CMOS data can be stored on EEPROM, providing system boot-up even if the battery is drained
- IP65-compliant dustproof / waterproof front panel

news box

CONTEC SOLUTION

Company Profile

Box PCs

Panel PCs

Flat Panel Displays

Silicon Disk Drive

Options

Box PCs & Panel PCs with Windows CE

Analog I/O

Digital I/O

Counters & Motor Controls

Communication

GPIO

Remote I/O

Bus Expansion System

Software

Accessories & Cables

Distributed Monitor & Control Network: F&EIT

Multi-Programmable Display

Remote Monitoring Solution

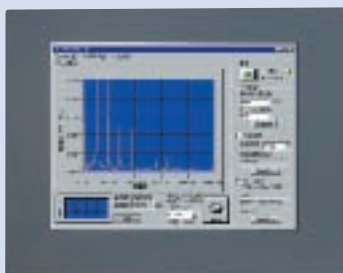
Service & Products

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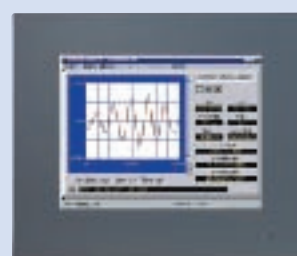
IPC-PT 620

IPC-PT 630

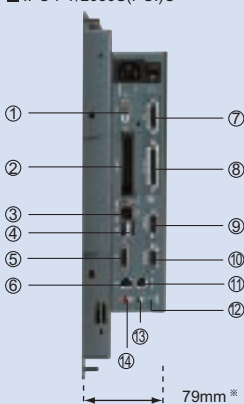
- IPC-PT/H620X(PCW)C
- IPC-PT/H620X(PCW)CP
- IPC-PT/H630X(PCI)C
- IPC-PT/H630X(PCI)CP



- IPC-PT/L620S(PCW)C
- IPC-PT/L620S(PCW)CP
- IPC-PT/L630S(PCI)C
- IPC-PT/L630S(PCI)CP

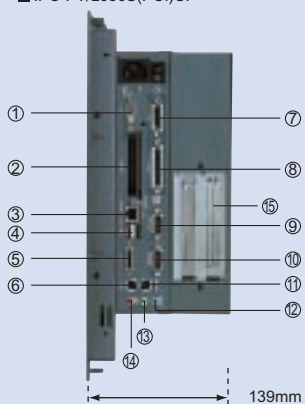


- IPC-PT/H620X(PCW)C
- IPC-PT/L620S(PCW)C
- IPC-PT/H630X(PCI)C
- IPC-PT/L630S(PCI)C



The interface configuration is the same on all models.

- IPC-PT/H620X(PCW)CP
- IPC-PT/L620S(PCW)CP
- IPC-PT/H630X(PCI)CP
- IPC-PT/L630S(PCI)CP



The interface configuration is the same on all models.

Comments of Interface

- ① DVI
- ② PC Card
- ③ 10BASE-T/100BASE-TX
- ④ USB 2ch
- ⑤ FD
- ⑥ Keyboard
- ⑦ RAS
- ⑧ Printer
- ⑨ COM 1
- ⑩ COM 2
- ⑪ Mouse
- ⑫ Line input
- ⑬ Line output
- ⑭ Mic
- ⑮ 620 series: PCI/ISA expansion slot
630 series: PCI expansion slot

*Mounting depth

Options

Name	Description
Memory (144-pin SO-DIMM)	
PC-MSD256-144V	256MB SD Memory
Floppy Disk Drive	
PC-FDD25BH	3.5-inch FDD drive (an attached cable)
Screen Protective Seal	
IPC-CV12	Protective seals for 12.1-inch display (10pcs)
IPC-CV15	Protective seals for 15-inch display (10pcs)
CD-ROM / DVD-ROM drive	
IPC-CDD-02	CD-ROM / DVD-ROM drive (an attached cable)
Others	
IPC-SLIB-01	Driver & Utility software (CD-ROM)

IPC-PT620 series

Name	Description
Memory (144-pin SO-DIMM)	
PC-MSD128-144V	128MB SD Memory
Others	
IPC-PT/x620x(PCW)-HME	English manual of IPC-PT/x620x(PCW)

IPC-PT630 series

Name	Description
Others	
IPC-PT/x630x(PCI)-HME	English manual of IPC-PT/x630x(PCI)

PANEL-PC

Specifications

	IPC-PT/H620X(PCW)C IPC-PT/H620X(PCW)CP	IPC-PT/L620S(PCW)C IPC-PT/L620S(PCW)CP	IPC-PT/H630X(PCW)C IPC-PT/H630X(PCW)CP	IPC-PT/L630S(PCW)C IPC-PT/L630S(PCW)CP	
news box					
CONTEC SOLUTION					
Company Profile	CPU Ultra Low Voltage Interl® Celeron® Processor 400MHz (FSB100MHz) Low Voltage Interl® Pentium® III 800MHz (FSB 133MHz)				
Box PCs	Main Memory 256 MB standard *1 / Max. 512MB (3.3V 144-pin SO-DIMM PC100 Socket ×2)				
Panel PCs	VGA Interl® 815E (built into the controller)				
Flat Panel Displays	Display				
	LCD type	15-inch TFT color LCD XGA (1,024 × 768)	12.1-inch TFT color LCD SVGA (800 × 600)	15-inch TFT color LCD XGA (1,024 × 768)	12.1-inch TFT color LCD SVGA (800 × 600)
	Number of Colors	260,000			
Silicon Disk Drive	Touch Panel				
	Resolution	4,096 × 4,096 (emulated in 1,024 × 768)	4,096 × 4,096 (emulated in 800 × 600)	4,096 × 4,096 (emulated in 1,024 × 768)	4,096 × 4,096 (emulated in 800 × 600)
Options	Detection Method Analog resistive				
Box PCs & Panel PCs with Windows CE	Backlight ON/OFF Enable (software control)				
	Membrane Switch -				
Analog I/O	Interfaces				
	CRT I/F	DVI-I 29pin *2			
	Keyboard I/F	PS/2 type keyboard-compliant (6-pin MINI DIN connector)			
	Mouse I/F	PS/2 type mouse-compliant (6-pin MINI DIN connector)			
Digital I/O	FDD I/F	Dedicated 26-pin, half-pitch connector: 2 modes (Optional FDD: PC-FDD25BH)			
Counters & Motor Controls	IDE I/F	Primary: Ultra DMA/100 2.5-inch IDE HDD or silicon disk drive: 1 internal unit (One more unit can be added. Either of the two must be a silicon disk drive.) Secondary: 40-pin half pitch connector (equipped with optional CD-ROM) (Bottom)			
Communication	Serial I/F	RS-232C(general-purpose): 2ch (SERIAL PORT1.2) 9-pin, D-SUB connector, RS-232C(touch panel): 1ch (SERIAL PORT3), RS-422/485(general-purpose): 1ch (SERIAL PORT4) [inside the RAS connector]			
	Parallel I/F	Bi-directional, Centronics-compliant, 25pin D-SUB connector			
	USB I/F	2ch (USB 1.1)			
GPIB	Ethernet 100BASE-TX / 10BASE-T RJ-45 Intel ICH2				
Remote I/O	PC Card slot	PCMCIA Type I, II × 2 or III × 1 (boot from ATA card is not supported), CardBus correspondent			
	General-purpose I/O	3 Opto-isolated input and output (One output also serves as an external WDT output and one input also serves as remote reset. They become available when switched.)			
Bus Expansion System	Audio	AC97 compliant, LINE IN/LINE Out/MIC: mini jack			
	RAS function	WDT: 1sec to 255sec (RESET, interrupt or external output is according to Time Expiration), Remote reset: External input signal			
Software	Supported OS	Windows 2000 Professional, Windows NT Workstation 4.0, Windows XP Embedded, Windows NT Embedded 4.0			
Accessories & Cables	Expansion Bus slot	IPC-PT/H620X(PCW)C: None IPC-PT/H620X(PCW)CP: PCI/ISA slot × 2 *3, Installable board length: 240mm (Max.)	IPC-PT/L620S(PCW)C: None IPC-PT/L620S(PCW)CP: PCI/ISA slot × 2 *3, Installable board length: 240mm (Max.)	IPC-PT/H630X(PCI)C: None IPC-PT/H630X(PCI)CP: PCI slot × 2, Installable board length: 240mm (Max.)	IPC-PT/L630S(PCI)C: None IPC-PT/L630S(PCI)CP: PCI slot × 2, Installable board length: 240mm (Max.)
Distributed Monitor & Control Network: F&EIT	Power Supply / Instantaneous Blackout	85~132 VAC and 170~265 VAC (47~63 Hz) auto-sensing / Less than 20ms			
Multi-Programmable Display	Dimensions (mm) (Exclusive of panel)	398 ± 0.5(W) × 306 ± 0.5(H)	344 ± 0.5(W) × 281 ± 0.5(H)	398 ± 0.5(W) × 306 ± 0.5(H)	344 ± 0.5(W) × 281 ± 0.5(H)
Remote Monitoring Solution	Weight	IPC-PT/H620X(PCW)C: Approx. 7.6kg IPC-PT/H620X(PCW)CP: Approx. 8.5kg	IPC-PT/L620S(PCW)C: Approx. 6.6kg IPC-PT/L620S(PCW)CP: Approx. 7.5kg	IPC-PT/H630X(PCI)C: Approx. 7.6kg IPC-PT/H630X(PCI)CP: Approx. 8.5kg	IPC-PT/L630S(PCI)C: Approx. 6.6kg IPC-PT/L630S(PCI)CP: Approx. 7.5kg
Service & Products	<p>*1: A 256 MB memory module is plugged in one socket. *2: Using the DVI-analog RGB adapter (accessory bundled) allows an ordinary analog RGB input display to be connected to the IPC-PT/x630x(PCI). Note that Panel Link input displays cannot be connected. *3: It cannot be used in the ISA bus slot that signals of -5V, IOCHK, REFRESH, MASTER. (PCI bus slot is 32-bit compliant)</p>				

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IPC-PT 620

IPC-PT 630

