



Features

- Processor Cards available from low-power PIII to high-speed Core2 Duo with memory up to 3GB
- One internal 3.5" Hard drive from 80 - 500GB
- Front-accessible On/Off & reset switches, HDD & power LEDs, PS/2 keyboard connector, DVD Writer and Floppy drive
- Supports up to 4 full length PCI cards
- Two 8cm cooling fans with front removable filter
- 250 watt AT or 350 watt ATX PFC autoswitching PSU (100 -240V AC)
- Rugged construction and design for harsh industrial environments
- Customised to suit specific applications
- Operating System pre-installed



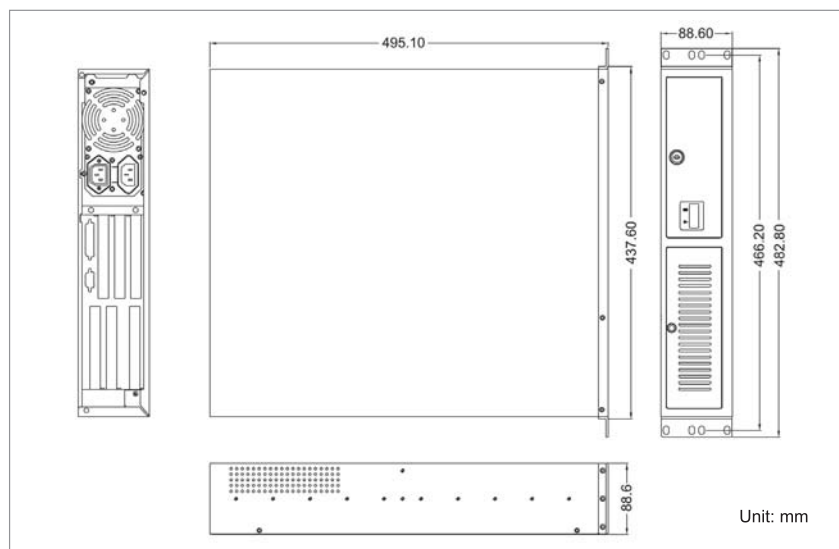
Description

The IPC-2193 is a 19" 2U Rackmount PC designed for applications where reliability and robustness are essential but space is limited. Typical applications include internet servers, telecoms servers and systems monitoring. The unit can be supplied with processor cards from low-power PIII to high-speed Core2 Duo, it has a front accessible CD/DVD writer & floppy drive and an internal 3.5" hard drive with options from 80 - 500GB. Expansion is provided by four full length 32-bit PCI slots. The IPC-2193 has a wide range of I/O ports and can be customised to suit specific applications. It is supplied with the operating system pre-installed.

Specifications

	Pentium III	Pentium M/Celeron M	Core2 Duo
Chassis	PRC-2193P	PRC-2193P	PRC-2193P
Drive Bays (external)	1 x 5.25 + 1 x 3.5"	1 x 5.25 + 1 x 3.5"	1 x 5.25 + 1 x 3.5"
Drive Bays (internal)	1 x 3.5"	1 x 3.5"	1 x 3.5"
I/O ports (front)	1xPS/2 Keyboard	1xPS/2 Keyboard	1xPS/2 Keyboard
Switches & Indicators (front)	On/Off & Reset Sw., Power & HDD LEDs	On/Off & Reset Sw., Power & HDD LEDs	On/Off & Reset Sw., Power & HDD LEDs
I/O ports (rear)	Mains I/P, spare 9-way & 25-way D opening	Mains I/P, spare 9-way & 25-way D opening	Mains I/P, spare 9-way & 25-way D opening
Cooling	2 x 8cm fans, front removable filter	2 x 8cm fans, front removable filter	2 x 8cm fans, front removable filter
Power Supply			
	250W AT or 350W ATX 100-240V AC	350W ATX PFC Auto.100-240V AC	350W ATX PFC Auto. 100-240V AC
Backplane			
Standard 32-bit PCI	PBP-06V4 (2xCPU, 4xPCI)	PBP-06V4 (2xCPU, 4xPCI)	PBP-06V4 (2xCPU, 4xPCI)
Single Board Computer			
Processor Card	PCA-6003VE	FS-97AVL	FS-97C
CPU	PIII 1.2GHz Tualatin	Pentium M/Celeron M 1.6GHz - 2.0GHz	Core2 duo 1.6GHz - 2.0GHz
Memory	128MB - 1GB PC133 SDRAM	256MB - 2GB DDR 333	256MB - 3GB DDR2 533/667 MHz
Graphics	Intel On-board Extreme graphics	Intel On-board Extreme graphics	Intel On-board Extreme GMA950 graphics
Network	1x10/100 Base-T	1x10/100 Base-T (optional 2xGbit LAN)	2xGbit LAN
Audio	AC97 Line-in,Line-out,Mic-in,Spk-out	AC97 Line-in,Line-out,Mic-in,Spk-out	AC97 Line-in,Line-out,Mic-in,Spk-out
I/O ports (rear)	VGA, LAN, COM1, PS/2 keyb & mouse	VGA, LAN, COM1, PS/2 keyb & mouse	VGA, 2xLAN, PS/2 keyb & mouse
Optional I/O ports (rear)	LPT1, COM2, 2xUSB, AC97 Audio, 1xlrDA	LPT1, COM2, 2xUSB, AC97 Audio, 1xlrDA	LPT1, COM1&2, 4xUSB, AC97 Audio, 1xlrDA
Miscellaneous	On-board Watchdog Timer	Watchdog Timer & Compact Flash SSD	Watchdog Timer & Compact Flash SSD
Drives			
Floppy Drive	3.5" 1.44MB	3.5" 1.44MB	3.5" 1.44MB
CD/DVD	CD/DVD Writer	CD/DVD Writer	CD/DVD Writer
Hard Drive	3.5" 80 - 500 GB	3.5" 80 - 500 GB	3.5" 80 - 500 GB
Operating Conditions			
Temperature (operating)	0 to 50 degrees	0 to 50 degrees	0 to 50 degrees
Temperature (non-operating)	-20 to 60 degrees	-20 to 60 degrees	-20 to 60 degrees
Humidity (non-condensing)	10 - 90%	10 - 90%	10 - 90%
Shock (operating)	10G	10G	10G
Shock (non-operating)	30G	30G	30G
MTBF			
	>50,000 hrs	>50,000 hrs	>50,000 hrs
Physical Characteristics			
Dimensions (W x H x D) mm	482.8 x 88.6 x 495.1 mm	482.8 x 88.6 x 495.1 mm	482.8 x 88.6 x 495.1 mm
Weight (kg)	10.5kg	10.5 kg	10.5kg

Dimensions



Lockable door for security

Power & Reset Switches, Keyboard Conn., DVD & Floppy inside a lockable front door



Two fans for better ventilation

Two 8cm fans with front removable filter provide optimised cooling



Card cage

The IPC-2193 has a detachable card cage for ease of installation



Space for 3.5" HDD

The IPC-2193 has space for a single internal 3.5" HDD drive bay

Ordering Information

Each IPC-2193 is configured to meet the customers specifications and given a unique part number. Typical configurations are shown below:

Part Number	Description
IPC-2193-A7221-204010 Basic System	IPC-2193 with PIII 1.2GHz processor, 128MB memory, CD/DVD writer, 80GB Hard Drive, 1.44MB Floppy Drive, No Operating System and finished in Black.
IPC-2193-B7343-404610 Intermediate	IPC-2193 with Celeron M 1.6GHz processor, 512MB memory, CD/DVD writer, 160GB Hard Drive, 1.44MB Floppy Drive, XP Home and finished in Black.
IPC-2193-B7576-904710 High Power System	IPC-2193 with Core2 Duo 2.0GHz processor, 3GB memory, CD/DVD writer, 500GB Removable 1.44MB Floppy Drive, XP Pro and finished in Black.