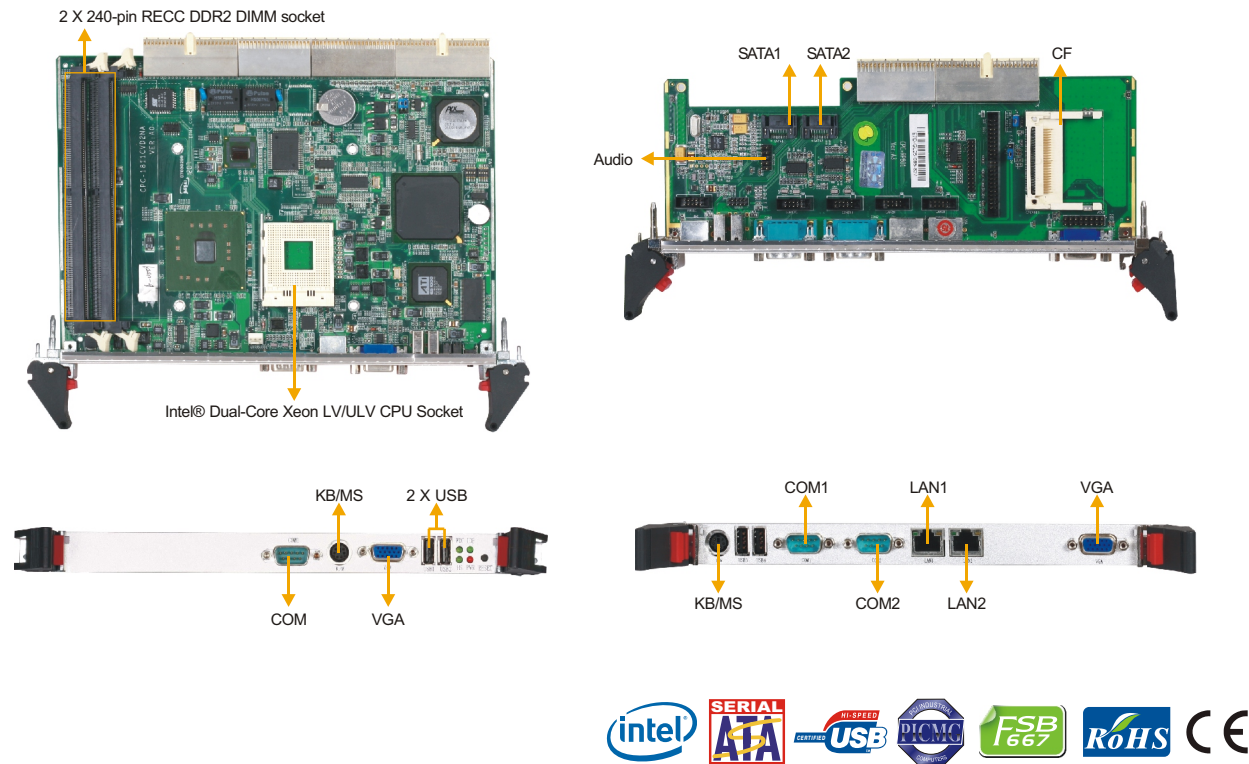


CPC-1811VD2NA

6U CompactPCI Motherboards

Dual-core Single CPU-level Motherboard



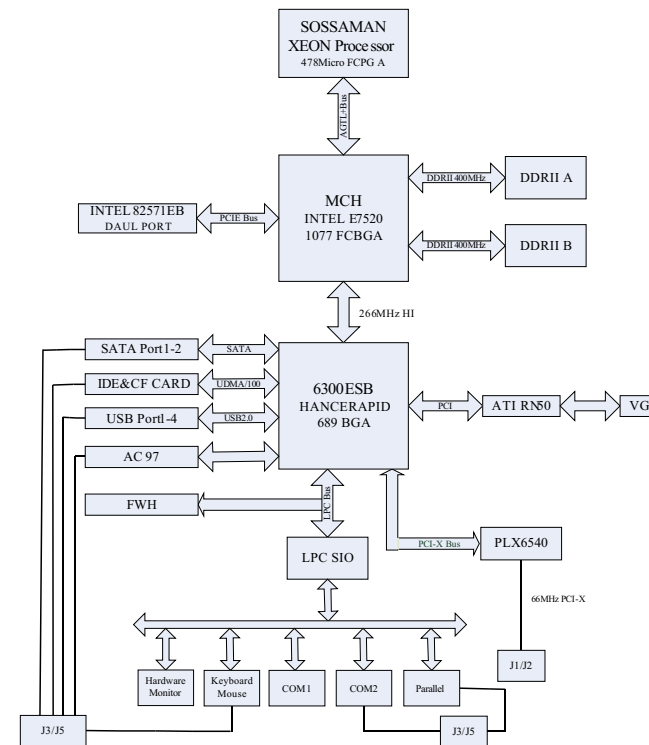
FEATURES

- One 667MHz FSB dual-core Intel® Xeon™ LV/ULV processor
- Intel® E7520+6300ESB chipset
- Two DIMM memory banks, up to 4GB dual-channel DDR II 400MHz RECC memory
- Two GbE controllers

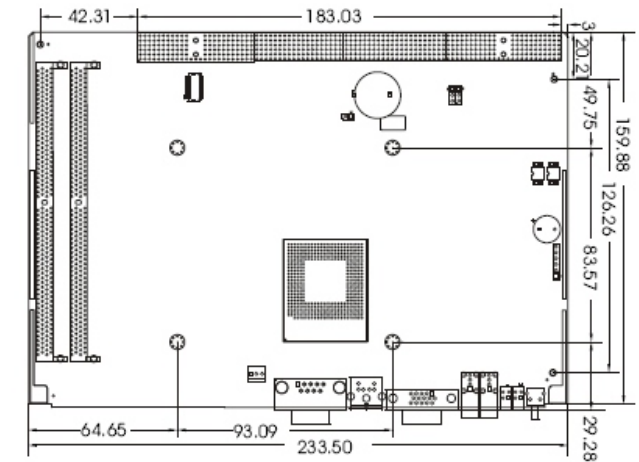
SPECIFICATIONS

System	Processor	1 x Intel® Dual Core Xeon™ LV/ULV processor, 667MHz FSB, up to 2.0GHz
	Chipset	Intel® E7520 +6300ESB chipset
	Memory	2 x 240-pin RECC DDR2 socket, RECC DDR2 400MHz up to 4GB
	Hardware Monitor	Monitors the system status, voltage and temperature
	Watchdog Timer	Software programmable supports / 1~255 sec./min. system reset/interrupt
	Support	PICMG@ 2.0 R3.0, PICMG@ 2.1 R2.0, PICMG@ 2.16 R1.0
Storage	IDE	1 x Ultra ATA/100 interface
	Serial ATA	2 x Serial ATA 150MB/s interface
	Floppy	N/A
	Compact Flash	1 x CompactFlash Type I/II socket
	DOC/DOM	N/A
I/O Interface	USB	4 x USB2.0 Port
	Serial Port	2 x RS-232
	Parallel Port	1 x LPT
	IrDA	N/A
	Keyboard/Mouse	1 x PS/2
	Audio	Intel® 6300ESB integrates AC'97 audio processor, supporting Line-out port
Display	Display Controller	ATI RN50, front and rear I/O brackets support VGA
	Display Memory	64MB shared memory
	Resolution	VGA mode: up to 2048 x 1536@75Hz, 1600 x 1200@85Hz
	Display	VGA
Ethernet	Ethernet Controller	2 x Intel® 82571EB Ethernet controller
	Speed	10/100/1000Mbps
	Connector Interface	2 x RJ45
Physical Characteristics and Environment	Dimensions	233mm x 160mm (6U height). 1 slot width(4HP)
	Operating Temperature	0°C~55°C
	Storage Temperature	-20°C~75°C
	Operating Humidity	5%-95%, non-condensing
	Power Supply	Supports CPCL power module
Power	Power Consumption	32.472 W (Typical)
	Operation System	Windows OS: Windows NT 4.0/Windows 98SE/ Windows 2000/ Windows XP Embedded OS: Linux/WinCE/VxWorks

BLOCK DIAGRAM



DIMENSIONS



AVAILABLE ACCESSORIES

Part Number	Name	Description	Qty
—	Driver CD/Protective film/RoHS	CPC-1811VD2NA	1
2330-000041	Jumper/RoHS	2.54mm pitch, blue	4
2360-005031	Y-cable for keyboard and mouse/RoHS	One minDIN port to two PS/2 ports, length: 250mm/RoHS	1
2381-001171	MYLAR/RoHS	228.5x160.8x0.25/with mounting hole	1
2391-000031	Bolt/RoHS	Pan head screw M2x5/GB-T818-1985	2
2391-000221	Bolt/RoHS	Slotted pan head screws with waisted shank/M2.5x11.3/stainless steel	2
2391-002131	Nut/RoHS	M2/GB-T6170-1986/nickel plating	2
—	Setup Guide/RoHS	AMI/BIOS Setup Guide (for CORE/8)	1
—	User's Manual/RoHS	CPC-1811VD2NA	1

RELATED PRODUCT

Item	Typical Recommendation
Peripheral Card	CPC-RP801
Expansion Card	CPC-2IDE,CPC-8COM,CPC-16COM
Chassis	CPC-8202,CPC-8404,CPC-8402
Power Supply	250W ,350W or redundant power supply

ORDERING INFORMATION

Part Number	Model Number	Description
0030-003150	CPC-1811VD2NA	Motherboard
0030-008630	CPC-1811VD2NA(B)	(YF) Motherboard
0030-007600	CPC-1811VD2NA(WRX)/Conformal coating	Motherboard/Conformal coating
0030-003170	CPC-1811VD2NA/PGA1.66G	Motherboard/PGA1.66G
0030-003180	CPC-1811VD2NA/PGA2.0G	Motherboard/PGA2.0G
0030-003160	CPC-1811VD2NA/WRX	Motherboard
0030-007590	CPC-1811VD2NA/Conformal coating	Motherboard/Conformal coating
0060-001010	CPC-RP801	Rear I/O board