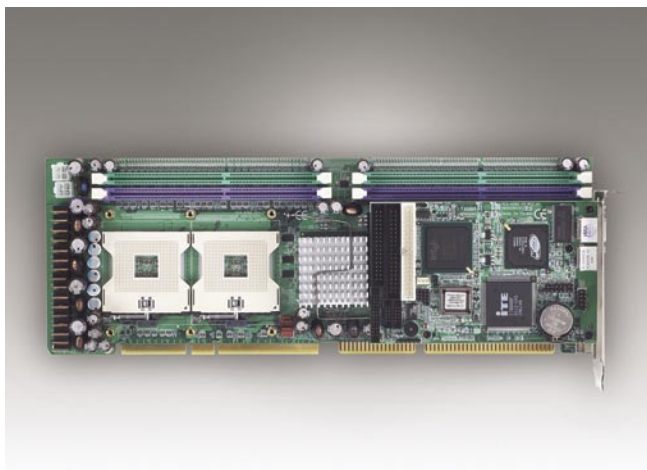


PCA-6289

Socket 604 Dual Xeon®/LV Xeon Processor Card with VGA/Dual GbE LAN



Features

- Supports single/dual socket 604 Intel® Xeon®/LV Xeon processors up to 3.06 GHz
- Dual channel DDR 200/266 SDRAM up to 8 GB
- Intel E7501 chipset 400/533 MHz FSB
- Onboard ATI Rage™ XL with 8 MB frame buffer memory
- 64-bit, 66 MHz PCI-X
- Supports 10/100/1000Base-T Ethernet
- Four USB 1.1 ports
- Low-profile customized CPU cooler included

Specifications

Processor System	CPU	Single/Dual Intel Xeon/LV Xeon processors			
	Max. Speed	3.06 GHz			
	L2 Cache	512 KB			
	L3 Cache	2 MB			
	Chipset	Intel E7501 + ICH3-S + P64H2			
	BIOS	Award™ 8 Mbit FWH			
	Front Side Bus	400/533 MHz			
Bus	PCI	64 bit/66 MHz PCI-X			
	ISA	HISA (ISA high drive)			
Memory	Technology	Dual channel DDR 200/266 MHz (Registered/ECC DIMMs only)			
	Max. Capacity	8 GB			
	Socket	184-pin DIMM x 4			
Graphic	Controller	ATI Rage™ XL			
	VRAM	8 MB frame buffer memory			
	Video Output	15 pin CRT connector x 1			
Ethernet	Interface	10/100/1000 Base-T			
	Controller	Dual Intel 82545EM (Gigabit)			
	Connector	RJ45 with LED connector x 2			
EIDE	Mode	ATA 100/66/33			
	Channel	2 (Max. 4 devices)			
I/O Interface	USB	Max. 4 (USB 1.1 compliant), 2 ports on board			
	Serial	2 (RS-232)			
	Parallel	1 (EPP/ECP)			
	FDD	1			
	PS/2	1			
Watchdog Timer	Output	Interrupt, system reset			
	Interval	Programmable 1, 2, 4, 8,...256 sec.			
Miscellaneous	Audio Output	AC-97 audio interface			
Power Requirement	Typical	Dual Xeon 3.06 GHz		Dual LV Xeon 2.4 G	
		+5 V (10 A)	+12 V (13.5 A)	+5 V (8.5 A)	+12 V (7.5 A)
Environment	Temperature	Operating		Non-Operating	
		0 ~ 55° C (32 ~ 131° F), depends on CPU's speed		-20 ~ 80° C (-4 ~ 176° F)	
Physical Characteristics	Dimensions (W x D)	338 x 122 mm (13.3" x 4.8")			

Ordering Information

Part Number	VGA (PCI)	Gigabit LAN
PCA-6289G2-00A1E	Yes	Dual

Suggested System Configurations

System	Chassis	Backplane	Power Supply
2U	ACP-2000X3-00XE	-	PS-400ATX-ZBE
4U	ACP-4000BP-00XE	PCA-6113P7XE PCA-6114P12X-0A2E	PS-400ATX-ZBE PS-500ATX-ZE
5U	ACP-5260BP-46RE ACP-5260BP-57NE ACP-5260BP-81NE	PCA-6115QP2X-0A2E PCA-6119P16X-0A2E	-
7U	ACP-7000BP-46RE ACP-7000BP-57NE ACP-7000BP-81NE	PCA-6115QP2X-0A2E PCA-6119P16X-0A2E	-

Packing List

Part Number	Description	Quantity
-	PCA-6289 single board computer	X 1
-	Dual CPU cooler set	X 1
-	PCA-6289 startup manual	X 1
-	CD with driver utility and manual (in PDF format)	X 1
-	FDD cable	X 1
-	Ultra ATA 33/66/100 HDD cables	X 2
-	Y cable for PS/2 mouse/keyboard	X 1
-	Printer/COM port cable kit	X 1
-	COM port cable kit	X 1
-	180 mm AUX power cable	X 2

Bracket View



PCA-6289G2-00A1E