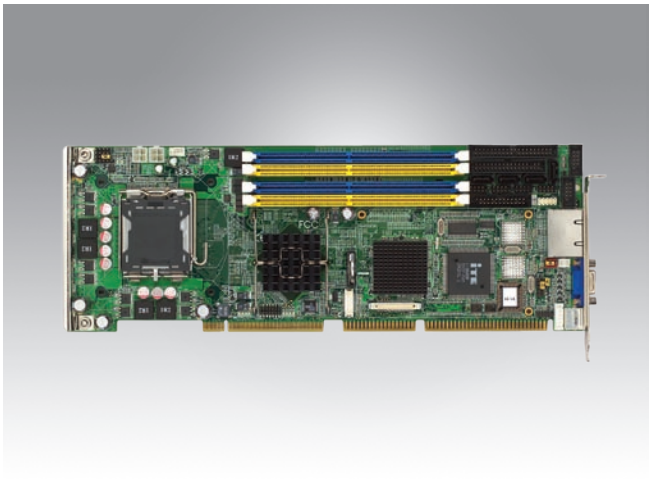
PCA-6190-A2

LGA775 Pentium® 4 SBC with VGA/Dual GbE LAN/DVI



Features

- Supports dual channel DDR2 533 SDRAM
- Supports up to four Serial ATA devices
- Eight USB 2.0 ports
- Two PCIe x1 for LAN chip
- Supports DVI interface (PCA-6190G2-D0A2E only)

Specifications

Processor System	CPU	Intel Pentium 4		Intel Celeron D	
	Max. Speed	3.8 GHz (800 FSB) (90 nm and 65 nm)		3.06 GHz (533 FSB)	
	L2 Cache	2 MB/1 MB		256 KB	
	Chipset	Intel 915GV + ICH6			
	BIOS	Award 4 Mbit FWH			
	Front Side Bus	533/800 MHz			
Bus	PCI	PCI 32-bit/33 MHz			
	ISA	HISA (ISA high drive)			
Memory	Technology	Dual Channel DDR2 400/533 SDRAM			
	Max. Capacity	4 GB			
	Socket	240-pin DIMM x 4			
Graphics	Controller	Chipset integrated VGA controller			
	VRAM	Dynamically shared system memory up to 128 MB			
Ethernet	Interface	10/100/1000 Mbps			
	Controller	Broadcom BCM 5721			
	Connector	RJ-45 x 2			
SATA	Max. Data Transfer Rate	150 MB/Sec.			
	Channel	4			
EIDE	Mode	ATA 100/66/33			
	Channel	1 (Max 2 devices)			
I/O Interface	USB	Max. 8 (USB 2.0 compliant, 480 Mbps, 8 by internal pin header)			
	Serial	2 (RS-232)			
	Parallel	1 (SPP/EPP/ECP)			
	FDD	1			
	PS/2	1			
Watchdog Timer	Output	Interrupt, system reset			
	Interval	Programmable, 1 ~ 255 sec.			
Miscellaneous	Audio Output	AC97 audio interface (requires an audio extension module P/N: PCA-AUDIO-00A1E)			
Power Requirement	Typical	Pentium 4 3.4 GHz (800 MHz FSB), 2 x 512 MB, 2 x 256 MB DDR2 533 SDRAM			
		+5 V	-5 V	+12 V	-12 V
		6.64 A	0.01 A	12.59 A	0.01 A
Environment		Operating		Non-Operating (Storage)	
	Temperature	0 ~ 60° C (32 ~ 140° F) (operation humidity: 40° C @ 85% RH Non-Condensing)		-40° C ~ 85° C and 60° C @ 95% RH Non-Condensing	
Physical Characteristics	Dimensions (W x D)	338 x 122 mm (13.3" x 4.8")			

Ordering Information

Part Number	VGA	DVI	Gigabit LAN
PCA-6190VG-00A2E	Yes	-	Single
PCA-6190G2-00A2E	Yes	-	Dual
PCA-6190G2-D0A2E	Yes	Yes	Dual

Bracket View



PCA-6190VG-00A2E



PCA-6190G2-00A2E
PCA-6190G2-D0A2E

Accessories

Part Number	Description
1750000332	CPU cooler for LGA775 Pentium 4 processor up to 3.8 GHz (115 w) ,for 2U or higher chassis

Packing List

Part Number	Description	Quantity
1700340640	FDD cable	x 1
1701400452	IDE HDD cable	x 1
1700003194	Serial ATA HDD data cable	x 2
1703150102	Serial ATA HDD power cable	x 2
170304015K	ATX 12 V power converter cable	x 1
1701260305	Printer + COM cable	x 1
1700060202	Y cable for PS/2 mouse & keyboard	x 1
9689000068	Jumper pack	x 1
-	Startup manual	x 1
-	Utility CD	x 1
1700008462	USB cable with 4 ports	x 1
1701092300	Dual COM port cable kit (for G2-00A2E and G2-D0A2E)	x 1
1700007371	USB wire	x 1