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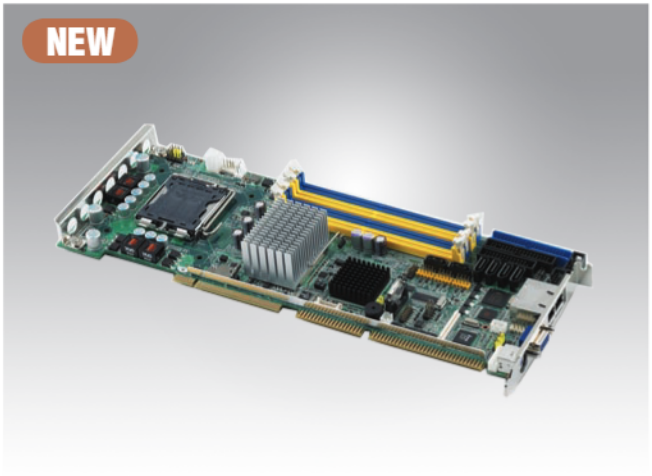
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PCA-6194

LGA775 Core™ 2 Duo/Pentium® D/ Pentium® 4/Celeron® D Processor Card with IPMI/VGA/Dual GbE LAN (FSB 1066/800 MHz)



Features

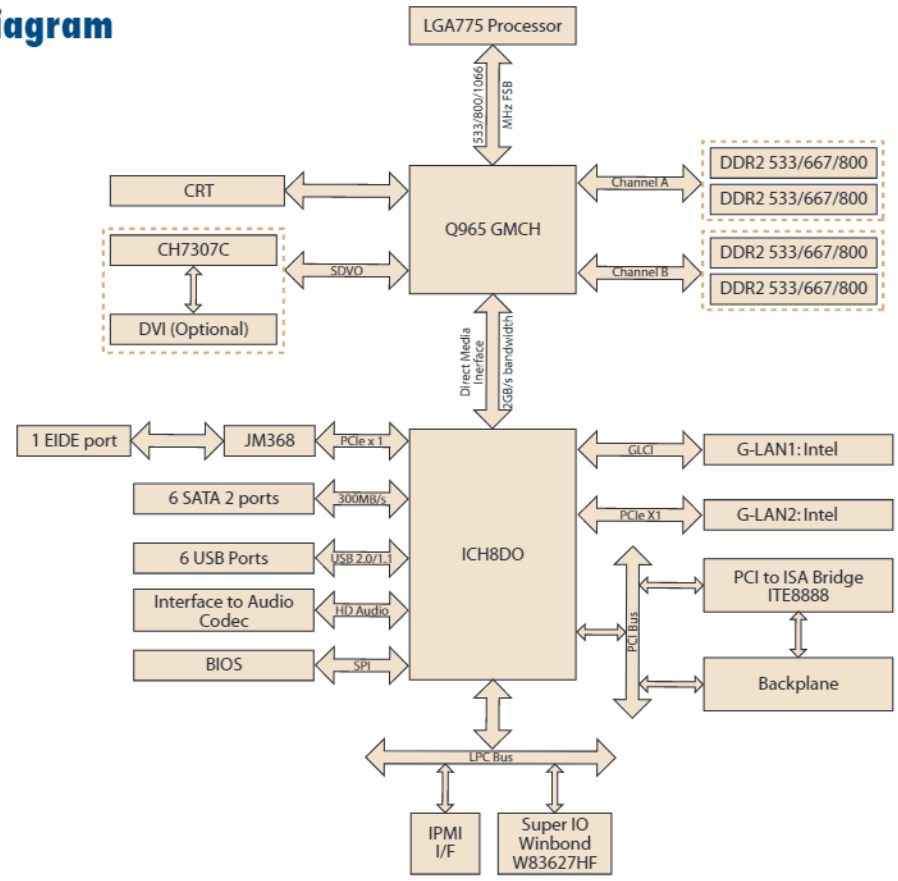
- Supports LGA 775 Intel® Core™ 2 Duo/Pentium® D/Pentium 4/Celeron® D FSB 1066/800/533 MHz processors
- Supports Dual Channel DDR2 800/667/533 SDRAM up to 8GB
- Dual Gigabit Ethernet via two PCI Express X1 port
- Supports IPMI 2.0 with on board BMC module (optional)
- 6 SATA2 HDDs
- Supports S/W SATA Raid 0,1,5,10
- 6 USB 2.0 ports
- 2 COM ports

RoHS COMPLIANT 2002/95/EC CE FCC

Specifications

Processor System	CPU	Intel Core 2 Duo	Pentium Dual-Core	Celeron 400 Sequence	Pentium D	Pentium 4	Celeron D
	Max. Speed	E6700 (2.66 GHz)	E2180 (2 GHz)	440 (2 GHz)	960 (3.60 GHz)	670 (3.80 GHz)	356 (3.33 GHz)
	L2 Cache	4 MB	1 MB	512 KB	2 MB + 2 MB	2 MB	512 KB
	Chipset	Intel Q965 + ICH8DO					
	BIOS	16 Mb Flash via SPI bus					
	Front Side Bus	1066/800/533 MHz					
Bus	PCI	33 bit/33 MHz PCI					
	ISA	HISA (ISA High Driver)					
Memory	Technology	Dual-channel DDRII 800/667/533 MHz DIMMs					
	Max. Capacity	8 GB					
	Socket	240-pin DIMM x 4					
Graphics	Chipset Integrated	Up to 2048x1536 @ 75 Hz refresh					
	VRAM	Shared with system memory up to 256 MB					
	Video Output	15-pin CRT connector x 1/ (optional DVI connector)					
Ethernet	Interface	10/100/1000Base-T					
	Controller	LAN1: Intel 82566DM (PCI-Express x1) LAN2: Intel 82573V (PCI-Express x1)					
	Connector	RJ45 with LED connector x 2					
IPMI		Supports Intelligent Platform Management Interface 2.0 (optional)					
EIDE	Mode	ATA 100/66/33					
	Channel	1 (supports up to 2 IDE devices)					
SATAII (300 MB/s)	port	6 ports; supports S/W RAID 0,1,5,10					
I/O Interface	USB	6 ports (USB 2.0 compliant) by Pin Header					
	Serial	2 (RS-232) with Pin Header					
	Parallel	1 (EPP/ECP)					
	FDD	1					
	PS/2	1 (for mouse and Keyboard, Y cable included)					
Watchdog Timer	Output	System reset					
	Interval	Programmable 1, 2, 4, 8,..., 256 sec					
Miscellaneous	Audio Output	Interface to Intel Hi-definition audio codec module.					
Power Requirement		Configuration 1: Pentium-D 960 (3.60 G,130 W) + DDRII 800 4 GB					
		+12 V	+ 5V	+3.3 V	+5 VSB	-12 V	-5 V
		13 A	10 A	0 A	0.7 A	0 A	0 A
		Configuration 2: Core 2 Duo E6700 (2.66 G, 65 W) + DDRII 800 4 GB					
		+12 V	+5 V	+3.3 V	+5 VSB	-12 V	-5 V
		6.6 A	10 A	0 A	0.7 A	0 A	0 A
Environment	Temperature	Operating			Non-Operating		
		0 ~ 60° C (32 ~ 140° F), depends on CPU's speed			-20 ~ 80° C (-40 ~ 176° F)		
Physical Characteristics	Dimensions	338 mm (L) x 122 mm (W) (13.3" x 4.8")					

Board Diagram



Ordering Information

Part Number	VGA	Gigabit LAN
PCA-6194G2-00A1E	Yes	Dual
PCA-6194VG-00A1E	Yes	Single

Bracket View



PCA-6194VG-00A1E



PCA-6194G2-00A1E

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
1700008461	USB cable with 4 ports	x 1
1701092300	Dual COM port cable kit (Dual LAN port version only)	x 1
1700000821	DVI Cable (PCA-6194F, PCA-6194G2-D0 only)	x 1

Accessories

Part Number	Description
1750000332	CPU cooler for LGA775 Pentium 4 processor up to 3.8 GHz (15 W), for 2U or higher chassis
1750001661	CPU cooler for LGA775 Pentium 4 processor up to 3.4 GHz (84 W), for 2U or higher chassis

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