

# PCA-6194

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

**NEW**



### 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

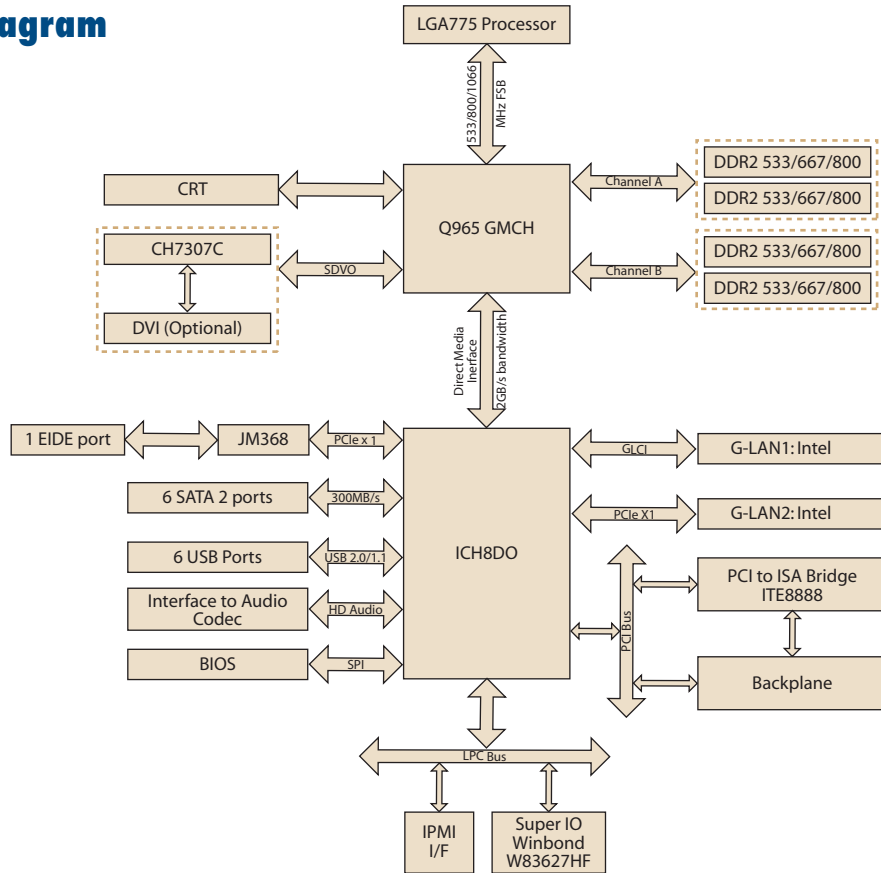


CE FCC

### 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	+5 V	+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							
Environment	+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							
	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