

# PCA-6194

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

**NEW**



### Features

- Support LGA 775 Intel® Core 2 Duo/Pentium D/Pentium 4/Celeron D FSB 1066/800/533 MHz processors
- Support Dual Channel DDR II 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
- 6 SATA II HDDs
- Support S/W SATA Raid 0,1,5,10
- 6 USB 2.0 ports
- 2 COM ports

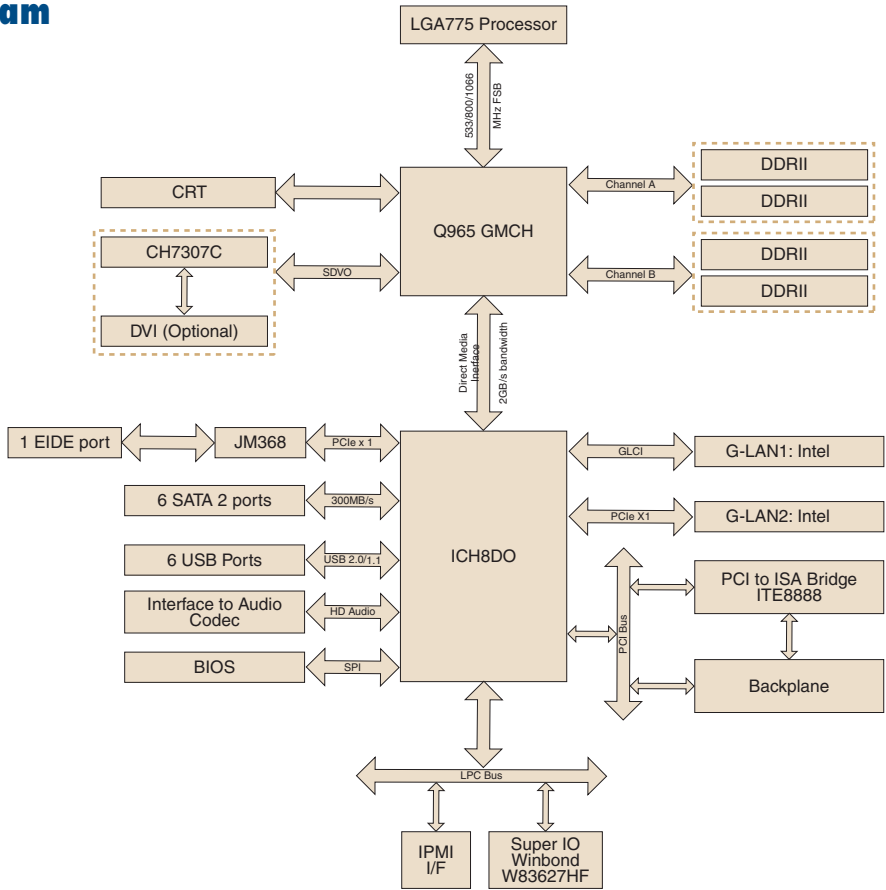


CE FCC

### 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	4MB	1MB	512KB	2MB+2MB	2MB	512KB
	Chipset	Intel Q965 + ICH8DO					
	BIOS	16Mb Flash via SPI bus					
Bus	Front Side Bus	1066 / 800 / 533 MHz					
	PCI	32bit/33MHz 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					
Graphic	Chipset Integrated	Up to 2048x1536 @ 75 Hz refresh					
	VRAM	Shared with system memory up to 256 MB					
	Video Output	15 pin CRT connector x1 / (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						
EIDE	Mode	ATA 100/66/33					
	Channel	1 (support up to 2 IDE devices)					
SATAII (300MB/s)	port	6 ports; support 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						
	+12V	+5V	+3.3 V	+5 VSB	-12 V	-5 V	
	13A	10A	0 A	0.7 A	0 A	0 A	
	Configuration 2: Core2 Duo E6700 (2.66 G, 65 W) + DDRII 800 4 GB						
	+12V	+5V	+3.3 V	+5 VSB	-12 V	-5 V	
	6.6A	10A	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	Dimensions	338 mm (L) x 122 mm (W) (13.3" x 4.8")					

**Block Diagram**



**Ordering Information**

Part Number	VGA	Gigabit LAN
PCA-6194G2-00A1E	V	Dual
PCA-6194VG-00A1E	V	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
1700002314	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 (115 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