

PCA-6194

LGA775 Intel® Core™ Quad SBC with VGA/Dual GbE LAN

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 8 GB
- Dual Gigabit Ethernet via two PCIe x1 ports
- 6 SATA2 Ports with S/W RAID 0, 1, 5, 10
- Supports optional DVI interface

Vertrieb durch



AMC – Analytik & Messtechnik GmbH Chemnitz

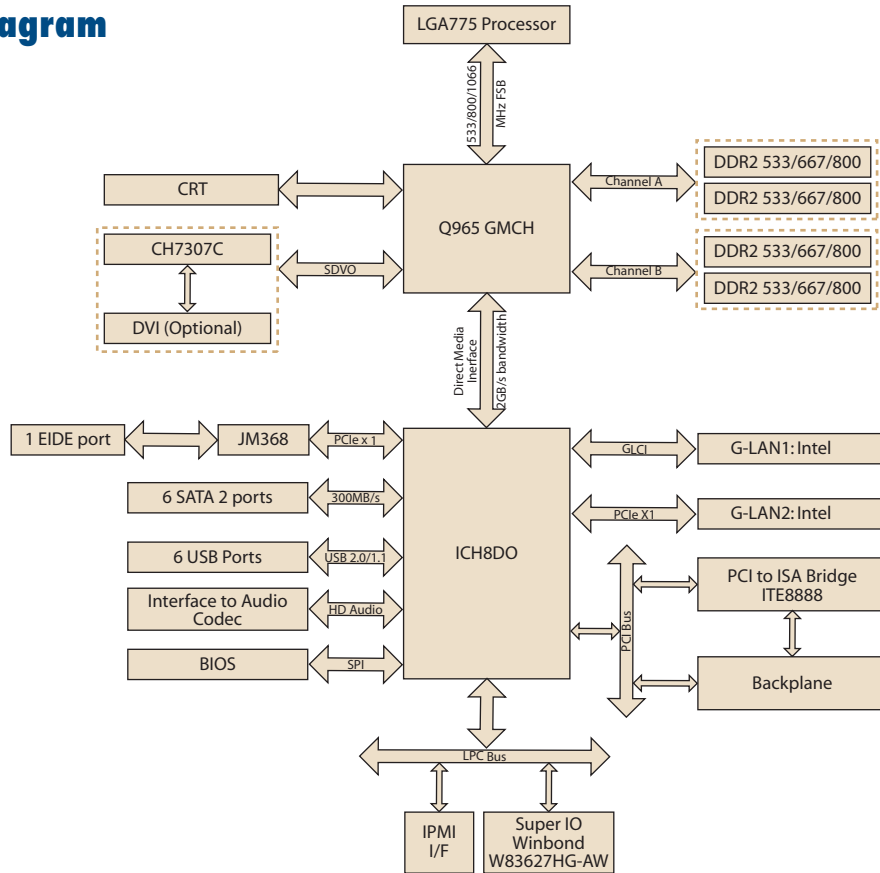
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Specifications

Processor System	CPU	Intel Core 2 Duo	Intel Core 2 Duo	Pentium Dual-Core	Celeron 400	Pentium D	Pentium 4	Celeron D	
	Max. Speed	Q6700 (2.66 GHz)	E6700 (2.66 GHz)	E2180 (2 GHz)	440 (2 GHz)	960 (3.60 GHz)	670 (3.80 GHz)	356 (3.33 GHz)	
	L2 Cache	8 MB	4 MB	1 MB	512 KB	2 MB + 2 MB	2 MB	512 KB	
	Chipset	Intel Q965 + ICH8DO							
	BIOS	16 Mbit Flash via SPI bus							
	Front Side Bus	1066/800/667/ 533 MHz							
Bus	PCI	33-bit/33 MHz PCI							
	ISA	HISA (ISA High Driver)							
Memory	Technology	Dual-channel DDR2 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	10/100/1000 Mbps							
	Controller	LAN1: Intel 82566DM (PCIe x1) LAN2: Intel 82573V (PCIe x1)							
	Connector	RJ-45 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)							
SATA2 (300 MB/s)	Ports	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) + DDR2 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) + DDR2 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 (Storage)			
		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	338 mm (L) x 122 mm (W) (13.3" x 4.8")							

Board Diagram



Computer On Modules	1
Embedded Single Board Computers	2
Industrial Motherboards	3
Slot Single Board Computers	4
Box IPCs	5
Pre-Configured Systems	6
Industrial Computer Chassis	7
Embedded Core Services	8
Industrial Computer Peripherals	9
Panel PCs	10
Display Solutions	11
Vehicle Mounted Computers	12
Portable Computers	13
Mobile Data Terminal	14
Digital Video Surveillance	15
Infotainment	16
LCD Services	17

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
2002721020	User Note for Full-Size CPU Card	x 1
-	Warranty Card	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

Accessories

Part number	Description
1750000332	CPU cooler for LGA775 Pentium 4 processor up to 3.8 GHz (115 W), for 2U or higher chassis
1700008822	DVI cable (Only needed when choosing optional DVI function)
PCA-AUDIO-HDA1E	Audio extension module
1701092300	Single COM Cable Kit

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