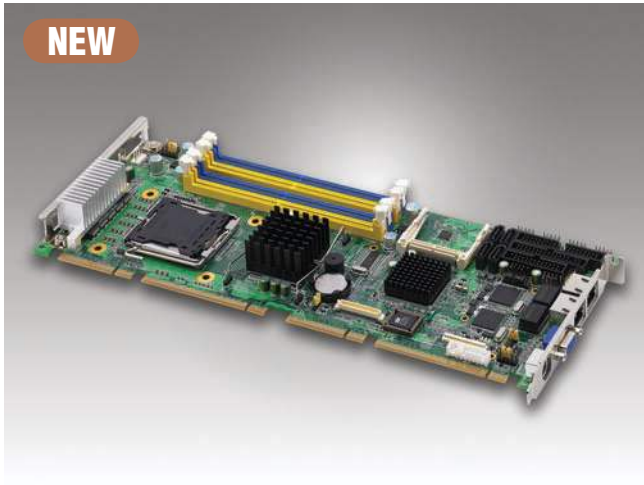


# PCE-5120-A2E

**LGA775 Core™ 2 Duo Processor Card with PCI Express/VGA/Dual GbE LAN**

**NEW**



## Features

- Complies with PICMG 1.3
- Supports LGA 775 Intel® Core™ 2 Duo with 1066/800/533 MHz FSB
- Supports dual-channel DDR2 533/667 SDRAM up to 4 GB
- One PCIe x16 and four PCIe x1 links to backplane
- Dual Gigabit Ethernet via two PCIe x1 ports
- Onboard IPMI module (optional)
- Four SATA2 channels with software RAID 0, 1, 5 and 10

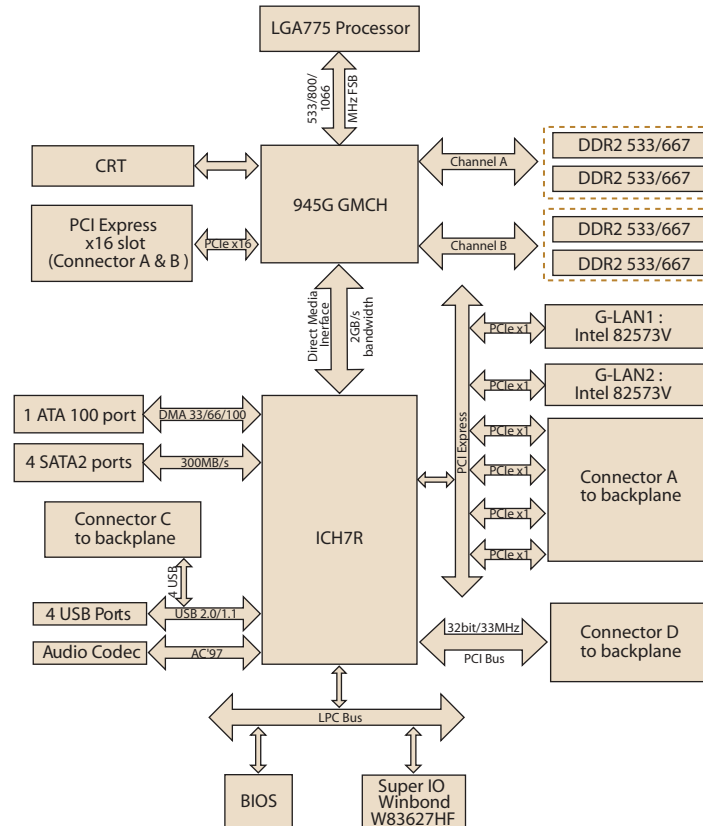


CE FCC

## Specifications

Processor System	CPU	Intel Core 2 Duo	Pentium Dual-Core	Celeron 400 Sequence			
	Max. Speed	E6700 (2.66 GHz)	E2220 (2.40 GHz)	440 (2 GHz)			
	L2 Cache	4 MB	1 MB	512 KB			
	Chipset	Intel 945G + ICH7R					
	BIOS	Award 4 Mb FWH					
	Front Side Bus	1066/800/533 MHz					
Bus	PCI Express	One x16 & four x1 to backplane					
	PCI	Four 32-bit/33 MHz PCI Masters to Backplane					
Memory	Technology	Dual-channel DDR2 533/667 MHz DIMMs					
	Max. Capacity	4 GB					
	Socket	240-pin DIMM x 4					
Graphics	External Card	PCI Express x16 Graphics card					
	Chipset Integrated	Intel Graphics Media Accelerator 950					
	VRAM	Shared with 224 MB system memory					
	Video Output	15-pin CRT connector x 1					
Ethernet	Interface	10/100/1000Base-T					
	Controller	LAN1: Intel 82573V (PCI Express x1) LAN2: Intel 82573V (PCI Express x1)					
	Connector	RJ-45 with LED connector x 2					
SATA2	Max. Data Transfer Rate	300 MB/s					
	Channel	4 on SHB; supports software RAID 0, 1, 5 and 10					
EIDE	Mode	ATA 100/66/33					
	Channel	1 (supports up to 2 IDE devices including 1 optional type II CF card)					
I/O Interface	USB	Max. 8 (USB 2.0 compliant) 4 on SHB by Pin Header, 4 to Backplane					
	Serial	4 (RS-232) with Pin Header (COM2 can be configured to RS-232/422/485)					
	Parallel	1 (EPP/ECP)					
	FDD	1					
	PS/2	1 (Y cable for mouse and keyboard included)					
Watchdog Timer	Output	Interrupt, system reset					
	Interval	Programmable 1, 2, 4, 8, ..., 256 sec					
Miscellaneous	Audio Output	AC97 audio interface (requires an audio extension module P/N: PCA-AUDIO-00A1E)					
	Test Conditions	Intel Core 2 Duo Desktop Processor E6400; DDR2 667 MHz 1 GB x 4					
Power Requirement	Voltage	+12 V	+5 V	+3.3 V	+5 VSB	-12 V	-5 V
	Typical Current	5 A	3 A	11 A	0.7 A	0 A	0 A
Environment	Operating	Temperature			Non-Operating		
	Temperature	0 ~ 55° C (32 ~ 131° F), depends on CPU's speed			-20 ~ 80° C (-4 ~ 176° F)		
Physical	Dimensions (L x W)	338.58 x 126.39 mm (13.3" x 4.98")					

## Board Diagram



## Ordering Information

Part Number	Gigabit LAN	VGA
PCE-5120G2-00A2E	Dual	Yes
PCE-5120VG-00A2E	Single	Yes

## Bracket View



PCE-5120G2-00A2E



PCE-5120VG-00A2E

## Packing List

Part Number	Description	Quantity
1700340640	FDD cable	x 1
1701400452	Ultra ATA 66/100 HDD cables	x 1
1700003194	Serial ATA HDD data cable	x 2
1703150102	Serial ATA HDD power cable	x 2
1701260305	Printer + COM cable	x 1
1701092300	Dual COM port cable kit	x 1
1700060202	Y cable for PS/2 keyboard and mouse	x 1
1750000400	CPU cooler	x 1
1700008461	USB cable with 4 ports	x 1
9689000068	Jumper pack	x 1
-	Startup manual	x 1
-	Utility CD	x 1

## Accessories

Part Number	Description
PCA-AUDIO-00A1E	Audio extension module