



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

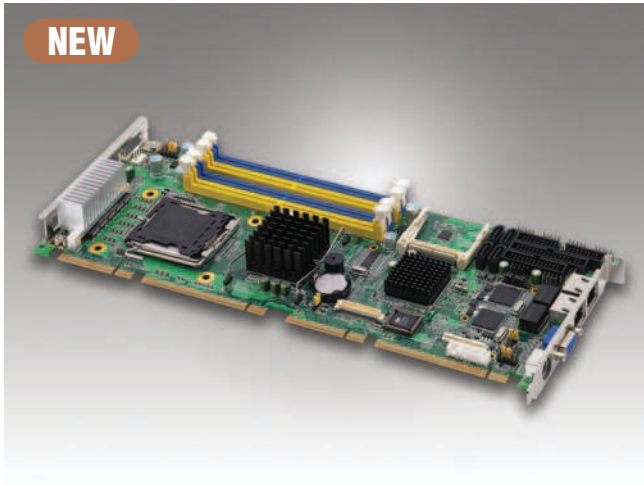
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PCE-5120-A2E

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

NEW



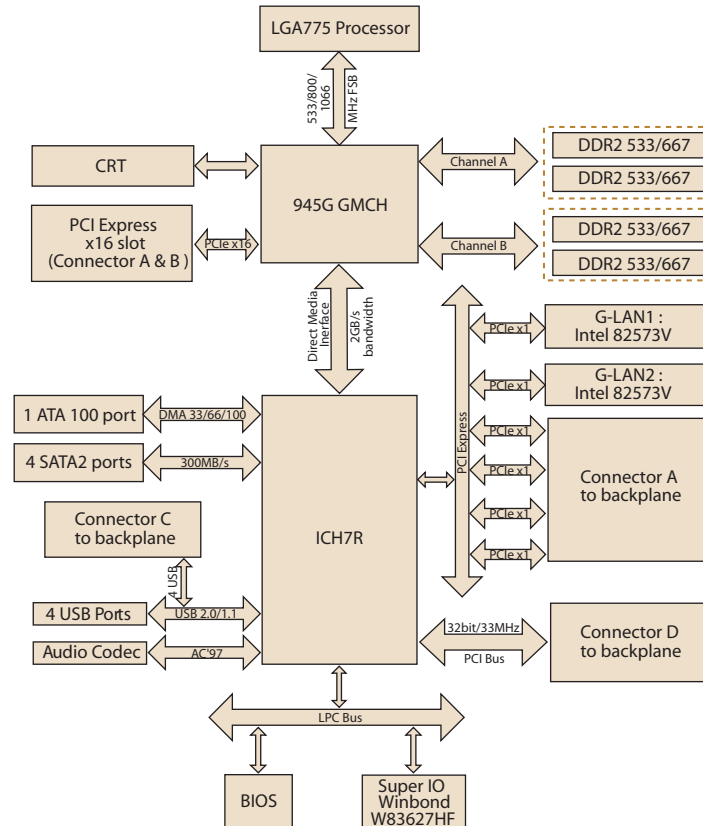
Features

- 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

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		
Bus	Front Side Bus	1066/800/533 MHz		
	PCI Express	One x16 & four x1 to backplane		
Memory	PCI	Four 32-bit/33 MHz PCI Masters to Backplane		
	Technology	Dual-channel DDR2 533/667 MHz DIMMs		
	Max. Capacity	4 GB		
Graphics	Socket	240-pin DIMM x 4		
	External Card	PCI Express x16 Graphics card		
	Chipset Integrated	Intel Graphics Media Accelerator 950		
	VRAM	Shared with 224 MB system memory		
Ethernet	Video Output	15-pin CRT connector x 1		
	Interface	10/100/1000Base-T		
	Controller	LAN1: Intel 82573V (PCI Express x1) LAN2: Intel 82573V (PCI Express x1)		
SATA2	Connector	RJ-45 with LED connector x 2		
	Max. Data Transfer Rate	300 MB/s		
EIDE	Channel	4 on SHB; supports software RAID 0, 1, 5 and 10		
	Mode	ATA 100/66/33		
I/O Interface	Channel	1 (supports up to 2 IDE devices including 1 optional type II CF card)		
	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		
Watchdog Timer	PS/2	1 (Y cable for mouse and keyboard included)		
	Output	Interrupt, system reset		
Miscellaneous	Interval	Programmable 1, 2, 4, 8, ..., 256 sec		
	Audio Output	AC97 audio interface (requires an audio extension module P/N: PCA-AUDIO-00A1E)		
Power Requirement	Test Conditions	Intel Core 2 Duo Desktop Processor E6400; DDR2 667 MHz 1 GB x 4		
	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		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