

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

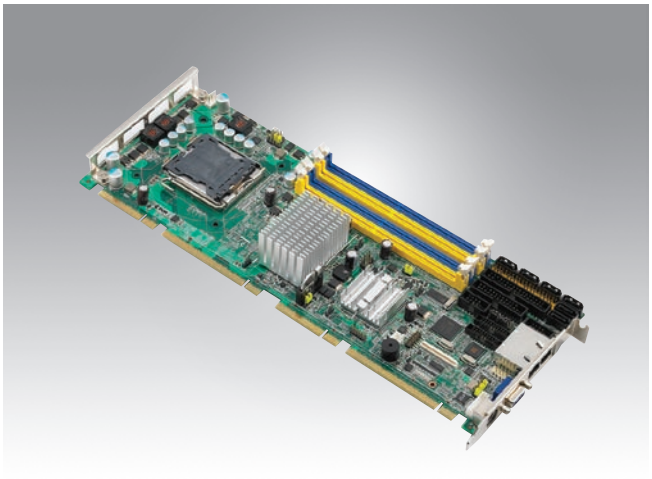
Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

PCE-5124

LGA775 Core™ 2 Quad CPU Card with PCI Express / IPMI / VGA/ Dual GbE LAN / 6 COM Ports



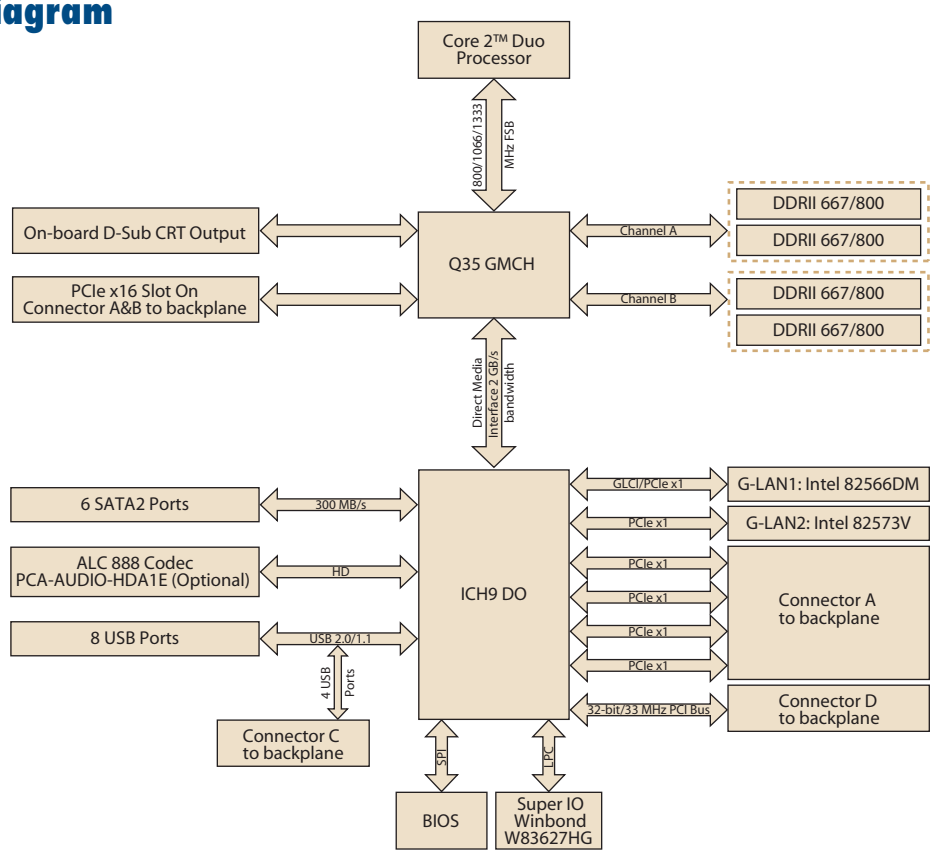
Features

- Complies with PICMG 1.3
- Supports LGA 775 Intel® Core™ 2 Quad FSB 1333/1066/800 MHz Processors
- Supports Dual Channel DDR2 667/800 SDRAM up to 8 GB
- One PCI Express x16 and Four x1 to Backplane
- Dual Gigabit Ethernet via two PCI Express X1 Lanes
- Supports 6 COM Ports
- 6 SATA2 Ports Support S/W SATA Raid 0,1, 10, 5
- On-board IPMI Module (Optional)

Specifications

Processor System	CPU	Core 2 Quad	Core 2 Duo	Pentium Dual-Core	Celeron 400 Sequence		
	Max. Speed	Q9550 (2.83 GHz)	E8500 (3.16 GHz)	E2220 (2.40 GHz)	440 (2 GHz)		
	L2 Cache	12 MB	6 MB	1 MB	512 KB		
	Chipset	Intel Q35 + ICH9DO					
	BIOS	16Mb SPI Flash					
	Front Side Bus	1333 / 1066 / 800 MHz					
Bus	PCIe	One x16 & Four x1 to Backplane					
	PCI	Four 32-bit/33 MHz PCI Masters to Backplane					
Memory	Technology	Dual-channel DDR2 667/800 MHz DIMMs					
	Max. Capacity	8 GB					
	Socket	240-pin DIMM x 4					
Graphics	External Card	PCI Express X16 Graphics Card					
	Chipset Integrated	Intel Graphicss Media Accelerator 3100					
	VRAM	Shared with 256 MB system memory					
	Video Output	15 Pin D-sub Connector x1					
Ethernet	Interface	10/100/1000Base-T					
	Controller	LAN1: Intel 82566DM LAN2: Intel 82573V					
	Connector	RJ45 with LED Connector x 2					
SATA2	Max. Data Transfer Rate	300 MB/s					
	Channel	6 on SHB; support S/W RAID 0,1, 10, 5					
EIDE		This product does NOT support EIDE port.					
I/O Interface	USB 2.0	8 ports on the SHB, 4 ports on the BP					
	Serial	5 RS-232 and 1 RS232/422/485 with Pin Headers					
	Parallel	1 (EPP/ECP)					
	FDD	1					
	PS/2	1 (for mouse and keyboard, an Y cable is included in the package)					
Watchdog Timer	Output	System reset					
	Interval	Programmable 1, 2, 4, 8,…, 256 sec					
Miscellaneous	Audio Output	Intel High Definition audio interface (requires an audio extension module P/N: PCA-AUDIO-HDA1E)					
Power Requirement	CPU	Intel Core 2 Quad Desktop Processor Q6200; DDR2 800 MHz 1 GB x 4					
	Voltage	+12 V	+5 V	+3.3 V	+5 VSB	-12 V	-5 V
	Current	6.78 A	4.06 A	2.72 A	0.43 A	0	0
Environment		Operating	Non-Operating				
	Temperature	0~60° C (32~140° F),with appropriate CPU cooler			-20~80° C (-40 ~ 176° F)		
Physical	Dimensions	338.58 mm (L) x 126.39 mm (W) (13.3" x 4.98")					

Board Diagram



Ordering Information

Part Number	IPMI	Gigabit LAN	VGA
PCE-5124F-00A1E	Yes	Dual	Yes
PCE-5124G2-00A1E	-	Dual	Yes
PCE-5124VG-00A1E	-	Single	Yes

Bracket View



PCE-5124VG-00A1E



PCE-5124F-00A1E
PCE-5124G2-00A1E

Packing List

Part Number	Description	Quantity
1700340640	FDD cable	x 1
1700003194	Serial ATA HDD data cable	x 2
1703150102	Serial ATA HDD power cable	x 2
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

Accessories

Part Number	Description
PCA-AUDIO-HDA1E	Audio extension module
1750000332	CPU cooler for LGA775 Pentium 4 processor up to 3.8 GHz (15 W), for 2U or higher chassis
1701092300	Dual-COM port cable kit for COM 1-2
1700008762	Dual-COM port cable kit for COM 3-4 and COM 5-6

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP