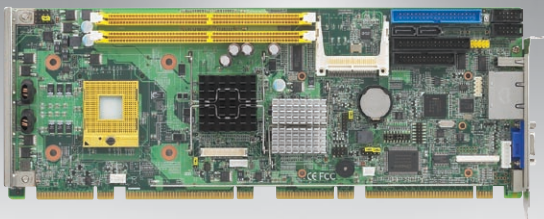


PCE-5130

Socket M Mobile Intel® Core™ 2 Duo SHB with VGA/LVDS/Dual GbEs

NEW



Features

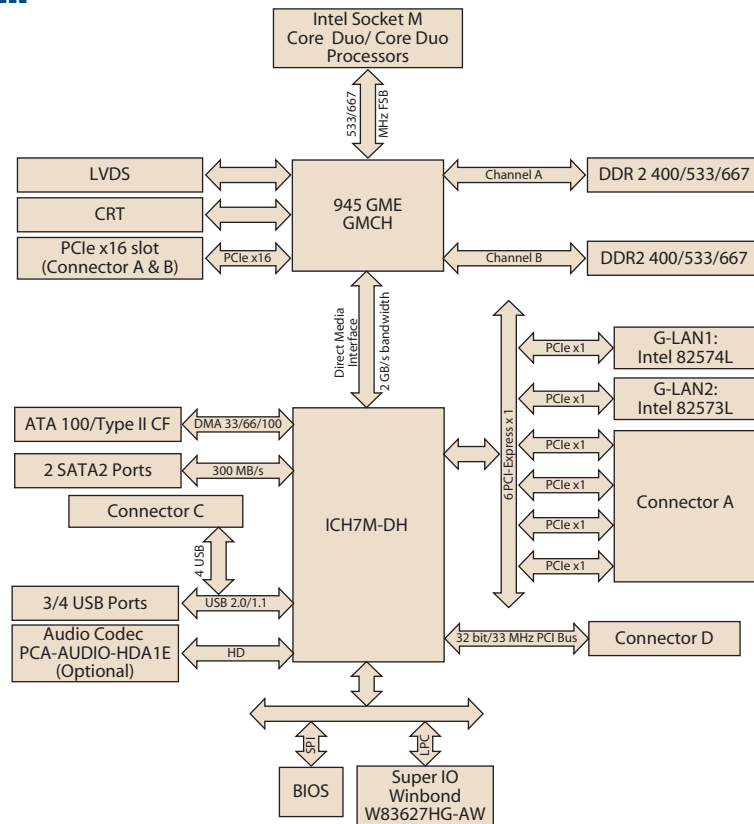
- Compliant with PICMG 1.3
- Socket M Core 2 Duo
- FSB 533/667 MHz processors
- Supports Dual Channel DDR2 667 MHz SDRAM up to 4 GB
- One PCIe x16 and Four x1 to backplane
- Dual Gigabit Ethernet via two PCIe x1 Lanes
- 2 SATA ports Support S/W SATA Raid 0,1
- Onboard CF Socket (Optional)



Specifications

Processor System	CPU	Core 2 Duo	Core Duo	Intel Celeron M
	CPU Number	T7600	T2700	530
	FSB	667 MHz	667 MHz	533 MHz
	Max. Speed	2.33 GHz	2.33 GHz	1.73 GHz
	L2 Cache	4 MB	2 MB	1 MB
	Chipset	Intel 945GME + ICH7M-DH		
	BIOS	8 Mbit SPI Flash		
Bus	Front Side Bus	533/667 MHz		
	PCIe	One x16 and Four x1 to backplane		
Memory	PCI	Four 32-bit/66 MHz PCI Masters to backplane		
	Technology	Dual-channel DDR2 533/667 MHz SDRAM		
	Max. Capacity	4 GB		
Graphics	Socket	240-pin DIMM x 2		
	Discrete Graphics	PCIe x16 Graphics Card		
	Integrated Graphics	Intel Graphics Media Accelerator 950		
	VRAM	Shared with 224 MB system memory		
	VGA	15-pin D-sub Connector x1		
Ethernet	LVDS	Single channel 18-bit/Dual channel 36-bit LVDS		
	Interface	10/100/1000 Mbps		
	Controller	LAN1: Intel 82574L LAN2: Intel 82573L (Only for G2 Sku)		
SATA	Connector	G2 Sku: RJ-45 with LED Connector x 2 VG Sku: RJ-45 with LED Connector x 1		
	Max. Transfer rate	150 MB/sec		
EIDE	Channel	2 on SHB (Support RAID 0, 1)		
	Mode	ATA 100/66/33		
PCI Master I/O Interface	Channel	1 (supports up to 2 IDE devices including 1 optional type II CF card)		
	32-bit/33 MHz PCI	4 PCI masters to backplane		
	USB 2.0	G2 Sku: 3 ports on the SHB, 4 ports on the BP VG Sku: 4 ports on the SHB, 4 ports on the BP		
	Serial	1 RS-232 and 1 RS-232/422/485		
	Parallel	1 (EPP/ECP)		
	FDD	1		
Watchdog Timer	PS/2	1 (for mouse and keyboard, and Y-cable is included in the package)		
	Output	Interrupt, system reset		
Miscellaneous	Interval	Programmable 1, 2, 4, 8, ..., 256 sec		
	Audio Output	Intel High Definition audio interface (requires an audio extension module P/N: PCA-AUDIO-HDA1E)		
Power Requirement	CPU	Core 2 Duo processors		
	Voltage	+12 V +5 V +3.3 V +5 VSB -12 V -5 V		
	Current	2.81 A 0.99 A 2.47 A 0.25 A 0 A 0 A		
Environment	Status	Operating Non-Operating (Storage)		
	Temperature	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	Dimensions	338.58 mm (L) x 126.39 mm (W) (13.3" x 4.98")		

Board Diagram



Ordering Information

Part Number	Gigabit LAN	VGA	USB
PCE-5130G2-00A1E	Dual	Yes	3
PCE-5130VG-00A1E	Single	Yes	4

Bracket View



PCE-5130G2-00A1E



PCE-5130VG-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
1701400452	Ultra ATA 66/100 flat cable	x 1
1701260305	COM + printer ports cable kit	x 1
1700060202	Keyboard and mouse Y-cable	x 1
1700008461	4-port USB cable kit (Only for VG Sku)	x 1
1700002204	2-port USB cable kit (Only for G2)	x 1
9689000068	Jumper package	x 1
2002721020	User Note for Full-Size CPU Card	x 1
-	Warranty Card	x 1
-	Startup manual	x 1
-	Utility CD	x 1

Accessories

Part Number	Description
PCA-AUDIO-HDA1E	Audio extension module