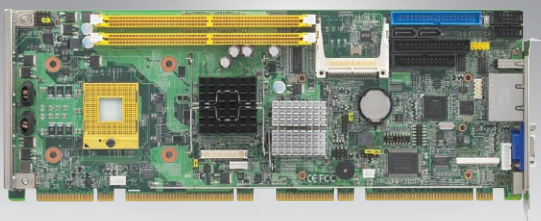


PCE-5130

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

NEW



Features

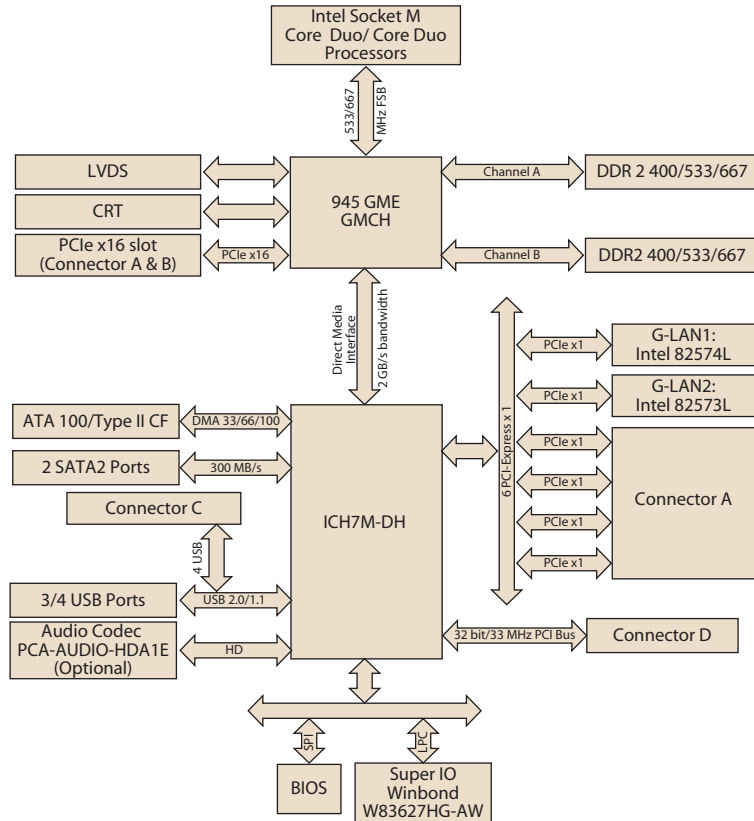
- Compliant with PICMG 1.3
- Socket M Core 2 Duo
- FSB 533/667 MHz processors
- Supports Dual Channel DDR2 667 MHz SDRAM up to 4 GB
- One PCIe x16 and Four x1 to backplane
- Dual Gigabit Ethernet via two PCIe x1 Lanes
- 2 SATA ports Support S/W SATA Raid 0,1
- Onboard CF Socket (Optional)



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			
Front Side Bus	533/667 MHz				
Bus	PCIe	One x16 and Four x1 to backplane			
	PCI	Four 32-bit/66 MHz PCI Masters to backplane			
Memory	Technology	Dual-channel DDR2 533/667 MHz SDRAM			
	Max. Capacity	4 GB			
	Socket	240-pin DIMM x 2			
Graphics	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			
	LVDS	Single channel 18-bit/Dual channel 36-bit LVDS			
Ethernet	Interface	10/100/1000 Mbps			
	Controller	LAN1: Intel 82574L LAN2: Intel 82573L (Only for G2 Sku)			
	Connector	G2 Sku: RJ-45 with LED Connector x 2 VG Sku: RJ-45 with LED Connector x 1			
SATA	Max. Transfer rate	150 MB/sec			
	Channel	2 on SHB (Support RAID 0, 1)			
EIDE	Mode	ATA 100/66/33			
	Channel	1 (supports up to 2 IDE devices including 1 optional type II CF card)			
PCI Master I/O Interface	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			
	PS/2	1 (for mouse and keyboard, and Y-cable is included in the package)			
Watchdog Timer	Output	Interrupt, 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	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)			
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