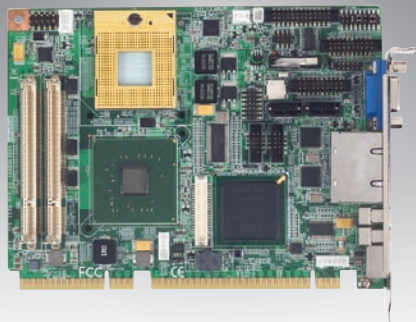


# PCE-3132

## Socket M Intel® Core™ 2 Duo Half-size SHB with PCIe/VGA/LVDS/Dual GbE LAN

**NEW**



### Features

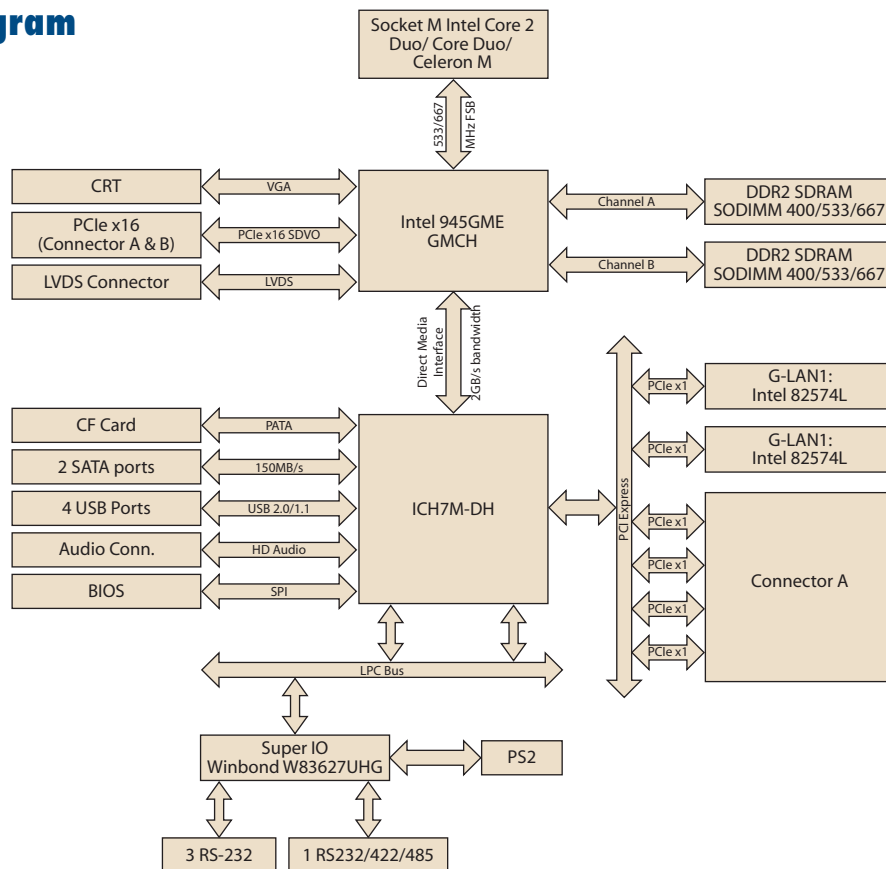
- Complies with PICMG 1.3
- Supports Socket-M Intel Core 2 Duo with 533/667 MHz FSB
- Intel 945 GME with ICH7M-DH chipset 667 MHz FSB
- Supports dual channel SO-DIMM DDR2 400/533/667 SDRAM up to 4 GB
- Two SATA ports with software RAID 0,1
- Supports dual 10/100/1000 Mbps Ethernet via dedicated PCIe x1 bus
- PCIe x16 interface for VGA via backplane
- Supports Fanless ULV Celeron M423 and Core™ Duo U2500 CPU (Optional)



### Specifications

Processor System	CPU (65nm)	Intel Core 2 Duo	Intel Core Duo	Intel Celeron M
	Max. Speed	T7600 (2.33 GHz)	T2700 (2.33 GHz)	530 (1.73GHz)
	L2 Cache	4 MB	2 MB	1 MB
	Chipset	Intel 945GME + ICH7M-DH		
	BIOS	Award 8 Mbit SPI		
	Front Side Bus	533/667 MHz		
Bus	PCIe	One x16 & four x1 to backplane		
Memory	Technology	Dual channel DDR2 400/533/667 SDRAM		
	Max. Capacity	4 GB		
	Socket	200-pin SODIMM x 2		
Graphics	Chipset Integrated	Intel GMA 950 sharing 224 MB system memory		
	LVDS	Single channel 18-bit/Dual channel 36-bit LVDS		
	Video Output	15-pin CRT connector x 1		
	External Card	PCIe x16 Graphics card		
Ethernet	Interface	10/100/1000 Mbps		
	Controller	GbE LAN1: Intel 82574L, GbE LAN2: Intel 82574L		
	Connector	RJ-45 x 2		
SATA	Max. Data Transfer Rate	150 MB/s		
	Channels	2, supports software RAID 0, 1		
I/O Interface	USB	4 USB 2.0 480 Mbps by pin header		
	Serial	4 (RS-232) with pin header (COM2 can be configured to RS-232/422/485)		
	Parallel	1 (EPP/ECP)		
	PS/2	1 (Y-cable for mouse and keyboard included)		
Watchdog Timer	Output	System reset		
	Interval	Programmable 1 ~ 255 sec/min		
Miscellaneous	Audio Output	AC97 audio interface (requires an audio extension module P/N: PCA-AUDIO-00A1E)		
	Solid State Disk	CompactFlash socket (Type I/II)		
Power Requirement		Intel Core 2 Duo T7400 2.16 GHz (667FSB) DDR2 667 2 GB SDRAM x 2		
	Max	+3.3 V (5.19 A)	+12 V (4.5 A)	
	Typical	+3.3 V (2.12 A)	+12 V (1.36 A)	
Environment		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 Characteristics	Dimensions (W x D)	167.64 mm x 126.39 mm (6.6" x 4.98")		

## Board Diagram



## Ordering Information

Part Number	VGA	GbE LAN	USB
PCE-3132VG-00A1E	Yes	Single	4
PCE-3132G2-00A1E	Yes	Dual	4

## Packing List

Part Number	Description	Quantity
1700008887	USB cable with 4 ports (2.0 mm pitch)	x 1
1700002223	Parallel port cable (2.0 mm) with bracket	x 1
1700003194	Serial ATA HDD data cable	x 2
1703150102	Serial ATA HDD power cable	x 1
1700008762	Dual-COM port cable kit (2.0mm pitch) with bracket	x 2
9689000002	Jumper pack	x 1
1700060202	Y cable for PS/2 Keyboard&Mouse	x 1
-	Startup manual	x 1
-	Utility CD	x 1
1750000348	CPU cooler	x 1

## Accessories

Part Number	Description
IPC-644BP-15ZE	4-slot chassis w/150W power supply
IPC-6806SB-15ZBE	6-slot chassis w/150W power supply
PCA-AUDIO-HDA1E	HD Audio-card
PCA-SATAP2-00A1E	IDE/SATA Adapter for CPU cards