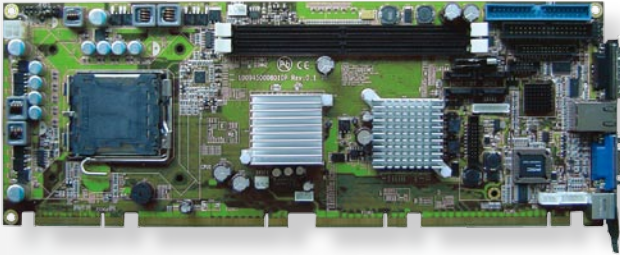


HiCORE-i945A

Full Size Intel LGA775 Core™ 2 Duo/Pentium D Processors SBC with 945G, VGA, SATAII and PCIe Gb LAN



Features

- Support PICMG 1.3, System Host Board (SHB Express)
- 2 x 240-pin DIMM Dual Channel DDRII up to 4GB (for 64-bit OS)
- 1 x PCIe x16, 4 x PCIe x1, 1 x PCIe GbE LAN
- 1 x Ultra DMA100 Port, 4 x SATAII, 1 x CompactFlash Type II Slot
- 6 x USB2.0 onboard, 2 x USB 2.0 via Backplane
- 2 x COM Ports, 1 x Parallel Port, 1 x FDD
- RoHS Compliant

System

CPU	Intel LGA775 Socket, Core™ 2 Duo/ Pentium D/ Pentium 4/ Celeron D (FSB 1066/800/533MHz)
Memory	2 x 240-pin DIMM socket, up to 4GB (for 64-bit OS) Dual Channel DDRII 667/533MHz SDRAM
Chipset	Intel 945G + ICH7R (support RAID 0, 1, 5 and 10 function)
BIOS	Phoenix-Award PnP Flash BIOS
ATA/IDE	1 x Ultra DMA100 channel (support 2 devices) 4 x SATAII HDD transfer rate 300MB/s
Flash Disk	1 x CompactFlash Type II Socket
Watchdog Timer	255-level Reset

I/O

Serial Port	2 x RS-232 ports COM 1: 1 x DB9 connector, COM2: 1 x 2*5-pin header
Parallel Port	SPP/EPP/ECP mode
Expansion Bus	Support PICMG 1.3 Specification
KB/MS	1 x PS2 K/B and Mouse
Universal Serial Bus	6 x USB 2.0 ports onboard 2 x USB 2.0 ports on the backplane (PBPE-10SA)

Ethernet

Chipset	Intel 82573V 1000 base-T PCIe Gb LAN
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Audio

Codec/Interface	AC'97 2.3 Codec, support Mic-in/Line-in/Line-out by Daughterboard with bracket
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Display

Graphics Chipset	Intel 945G Integrated Graphic Media Accelerator 950 Technology
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Mechanical & Environmental

Operating Temp.	0 ~ 50°C (32 ~ 122°F)
Operating Humidity	0 ~ 90% (non-condensing)
Dimension (L x W)	338 x 122 mm (13.3" x 4.8")

Ordering Information

HiCORE-i945A	Full size Intel LGA775 Core™ 2 Duo processor SBC with 945G, VGA, SATAII, One PCIe GbE LAN
FCDB-1110	AC'97 Audio Daughterboard
FCDB-1293	4 x COM ports, 8 bit Digital I/O Daughterboard
Cable Kit	CBK-06-9451
PBPE-10SA	PICMG 1.3 Full Size Passive Backplane