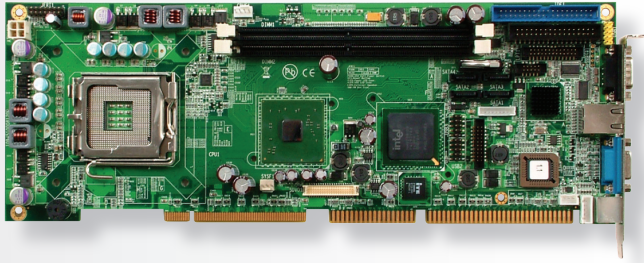


HiCORE-i9451

Full-size Intel Core™ 2 Duo/Pentium D LGA775 SBC with CRT, SATAII and PCIe Gb LAN



Features

- Support Intel Core™ 2 Duo/Pentium D Processor in LGA775 Socket with 533/800/1066MHz FSB
- 2 x 240-pin Dual Channel DDRII SDRAM up to 2GB
- Intel 945G Integrated VGA for CRT
- Support 1 x 1000 Base-T PCIe Gb LAN
- Support 4 x SATAII Ports
- Support PICMG 1.0 Specification
- Support 6 x USB 2.0 Ports

System

CPU	Intel LGA775 Core™ 2 Duo/Pentium D/Celeron D processor with 533/800/1066MHz FSB
Memory	Two 240-pin Dual channel DDRII DIMM Socket up to 2GB SDRAM
Chipset	Intel 945G + Intel ICH7
ATA/IDE	1 x Ultra DMA100, support 2 IDE drives
	4 x SATAII
Flash Disk	1 x CompactFlash Type II Socket
Watchdog Timer	255-level Reset

I/O

Serial Port	2 x RS-232 ports (COM 1, 2) 4 additional COM via LPC (optional while with FCDB-1293)
Parallel Port	SPP/EPP/ECP mode
USB Port	6 x USB 2.0 ports compliant
Expansion Bus	16 bit ISA + 32 bit PCI (doesn't support ISA master bus devices)
KB/MS	1 x PS2 K/B and Mouse

Ethernet

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

Codec/Interface	Realtek ALC655 AC97 Codec, supports Mic-in/Line-in/Line-out by FCDB-1110 Daughterboard (optional)
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Display

Graphics Chipset	Intel 945GME integrated VGA for CRT
	Support dual display (CRT + DVI) by FCDB-1225
	SDVO: LVDS, DVI, TV-out optional while with FCDB-1225

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-i9451VLG R1.0	Full-size Intel LGA775 Pentium D processor SBC with CRT, SATAII, PCIe Gb LAN	
HiCORE-i9451VLG R2.0	Full-size Intel LGA775 Core™ 2 Duo/Pentium D processor SBC with CRT, SATAII, PCIe Gb LAN	
FCDB-1110	AC97 Audio Daughterboard	Page 5-5
FCDB-1225	TV-out, VGA, DVI Daughterboard	Page 5-6
FCDB-1293	4 x COM ports, 8 bit Digital I/O Daughterboard	Page 5-5