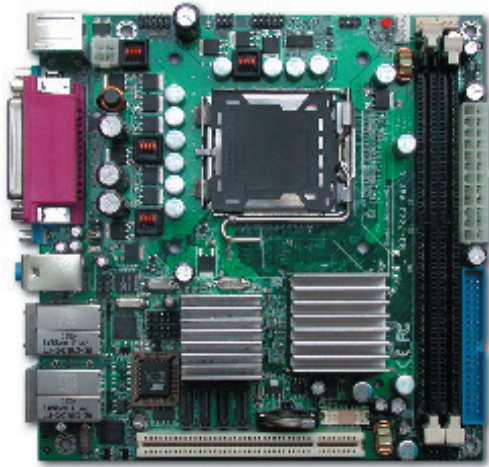


PEB-7600-VG2A Mini ITX Intel® Pentium®4 LGA775 Main Board



Features

- Supports 90 nm Intel LGA775 Pentium 4 / Celeron D processors
- Intel 82915GV GMCH chipset
- Dual-channel DDR memory architecture
- Dual View by VGA & DVI
- 5.1 CH Audio
- Dual 10/100/1000Mbps Gigabit LAN
- PCI
- 2 COM, 8 USB 2.0

Specifications

System

▫ CPU	90 nm Intel LGA775 Pentium® 4 / Celeron D
▫ FSB	800/533 MHz
▫ BIOS	Award BIOS with 4Mb Flash ROM
▫ System Chipset	Intel 82915GV GMCH & 82801FB ICH6 (ICH6R optional for RAID)
▫ I/O Chip	Winbond W83627HF-AW
▫ System Memory	2 x 184-pin DDR DIMM socket support up to 2 GB, 6.5GB/s dual-channel interleaved mode assuming DDR 400 MHz
▫ Storage	1 x Ultra DMA100/66 support two IDE devices by 40-Pin IDE connector (also support 5V for DOM); 4 x Serial ATA connector high-speed data transfers at up to 150 MB/s. Supports RAID 0, 1 and 0+1 function (ICH6R only)
▫ Watchdog Timer	0~255 sec. with Super I/O chip; 0.6~600 sec. from ICH6 with GPIO
▫ H/W Status Monitor	Monitoring system temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats
▫ GPIO	Onboard programmable 8-bit Digital I/O interface
▫ Expansion	1x PCI

I/O

▫ MIO	4x SATA, 1 x EIDE (40-pin can support 5V for DOM), 1 x LPT, 2 x RS-232, 1 x K/B, 1 x Mouse
▫ IrDA	115k bps, IrDA 1.0 compliant
▫ USB	4x USB 2.0 ports and 4x USB 2.0 with header

Display

▫ Chipset	Intel 82915GV GMCH
▫ Display Memory	Integrated Intel Graphics Media Accelerator 900 (GMA900), and share system memory to 224 MB
▫ Resolution	CRT mode: 2048x1536@ 85 Hz LCD/Simultaneous mode: 2048 x 1536 @ 16 bpp (85Hz)
▫ VGA/LCD Interface	Intel Graphics Media Accelerator (GMA) 900, and supports widescreen LCD displays and accelerated DirectX® 9
▫ DVI	Chrontel CH7307 DVI transmitter

Audio

▫ Chipset	Intel 82801FR ICH6R
▫ AC97 Codec	Realtek ALC655 AC97 5.1 CH 3D audio interface
▫ Audio Interface	Mic in, Line in, CD Audio in, Line out, Rear out and Center/Subwoofer out

Ethernet

▫ Chipset	Dual Marvell Yukon™-EC 88E8053 PCI Express Ethernet controllers
▫ Ethernet Interface	IEEE 802.3 10/100/1000BASE-T Gigabit Ethernet compliant

Mechanical & Environmental

▫ Power Requirement	TBD
▫ Power Type	BTX
▫ Operating Temperature	0~60°C (32~140°F)
▫ Operating Humidity	0%~90% relative humidity, noncondensing
▫ Size (L x W)	6.69" x 6.69" (170 mm x 170 mm)
▫ Weight	0.94 lbs (0.43 Kg)



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Ordering Information

- PEB-7600VG2A
Intel® LGA775 Pentium® 4 / Celeron D processors Main Board with VGA, DVI, 5.1 Audio, Dual Giba LAN, PCI, 8 USB 2.0
- PEB-7600VG2AR
PEB-7600VG2AR with ICH6R supports RAID function
- DVI-Cable-01
24-pin DVI cable for ADE-6020