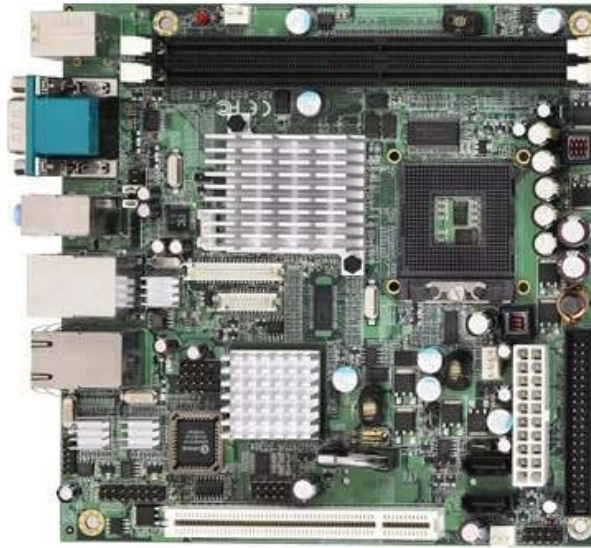


# PEB-7604VG3A

Mini-ITX Board based on Intel® Pentium® M Processor  
Intel® 82915GV (GMCH) & 82801FR ICH6 Chipset  
with Dual VGA & DVI Display, 3 x GbE and Audio



## FEATURES

- Intel® Pentium®/Celeron® M processor
- 2 x 184-pin DDR DIMM support up to 2GB
- Dual view display by VGA & DVI
- On-board 5.1 channel audio capability
- 3 x GbE
- RAID 0, 1 and 0+1 also available

## ORDERING GUIDE

### Standard

#### PEB-7604VG3A

Intel® Pentium® M Mini-ITX Mainboard with VGA, DVI, Audio, three G-LAN and six USB 2.0 ports

#### PEB-7604VG3AR

Intel® Pentium® M Mini-ITX Mainboard with Raid VGA, DVI, Audio, three G-LAN and six USB 2.0 ports

## SYSTEM

CPU	Supports Intel® Pentium® / Celeron® M processor
Chipset	Intel® 82915GV (GMCH) and 82801FR ICH6
System Memory	2 x 184-pin DDR DIMM socket up to 2 GB, Dual-channel interleaved mode assuming DDR 400 MHz to 6.5GB/s
FSB	FSB 533/400 MHz
Storage	1 x Ultra DMA 100/66 for two IDE devices by (one 40-pin and one 44-pin IDE connector), 4 x Serial ATA connector high-speed data up to 150 MB/s
Raid	ICH6R supports RAID 0, 1 and 0+1 function (PEB-7604VG2AR)
Expansion	1 x 32 bit PCI slot
I/O Chip	W83627THG-AW
Audio	Intel® 82801FR ICH6, Realtek ALC655 AC97 5.1 CH 3D audio
Audio Interface	Mic in, Line in, Line out, Rear out and center/subwoofer out
Video	Intel® 82915GV (GMCH) chip, integrated with Intel® GMA900 shared system memory of 224 MB Max. resolution: 2048x1536 @ 85 Hz,
DVI	Chrontel CH7307 DVI transmitter
LAN	Three Marvell® Yukon-EC 88E8053 PCI Express Ethernet controllers IEEE 802.3 10/100/1000 BASE-T Ethernet compliant

## I/O

MIO	4 x SATA, 1 x EIDE, 1 x LPT, 2 x RS-232, 1 x K/B
IrDA / SSD	115k bps, IrDA 1.0 compliant
USB	2 x USB 2.0 and 4 x USB 2.0 with heade

## Mechanical

Power Requirement	ATX power connector
BIOS	Award BIOS with 4Mb Flash ROM
System Chipset	Intel® 82915GV (GMCH), 82801FR ICH6
Watchdog Timer	Reset/IRQx; 1 sec.-255 min. and 1 sec. or 1 min./step
H/W Status Monitor	Temperature, voltage, and cooling fan status. Auto throttling control
Operating Temperature	0~60°C (32~140°F) / 0%~90% relative humidity, noncondensing



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