

PEB-7607VG2AR

Mini-ITX Board base on Intel® Core™ 2 Duo Processor
Intel® Q35 and GMA 3100 Graphics Chipset
Dual G-LAN, Eight USB 2.0 and one PCI-E x16 Slot



FEATURES

- Intel® Core 2 Duo and Dual Core
- Intel® Q35 Express Chipset, 1333/1066/800 MHz FSB
- Dual-channel DDR2 667/800
- Integrated Intel® GMA 3100 graphics
- Dual 10/100/1000Mbps Gigabit Ethernet
- One PCI Express x16 Slot Reserved for Expansion
- Up to Two COM and Eight USB 2.0 Ports

ORDERING GUIDE

Standard

PEB-7607VG2AR

PEB-7607VG2A: Intel® Core 2 Duo / Core Duo processors MainBoard with RAID, VGA, Audio, two GB LANs, eight USB 2.0 ports

SYSTEM

CPU	Support LGA 775 Intel® Core 2 Duo, Dual Core, Celeron 440 family
Chipset	Intel® Q35 and ICH9DO
FSB	FSB 800/1066/1333 MHz
I/O Chipset	ITE® IT8718 I/O Controller
System Memory	2 x 240-pin DIMM Sockets Dual Channel DDR2 667/800 SDRAM Max. up to 4GB memory
Storage	4 x Series ATA 300 interfaces and 1 x eSATA
RAID	Supports RAID 0, 1, 5, 10 function
Expansion	One PCI-Express x16 Slot
Audio Interface	Realtek® ALC883 Audio Codec, Line-in, Line-out, Microphone Jacks
Video	Intel® Q35 Intergrated GMA 3100 up to 2048 x 1536 @ 75 Hz (QXGA) DSUB-15 Connector for VGA output
BIOS	Award BIOS with 32MB SPI Flash EEPROM
Form Factor/Weight	Mini-ITX form factor (17cm x 17cm) / 0.94 lbs (0.43 Kg)
LAN	LAN 1: Intel® 82566DM Gigabit Ethernet LAN 2: Realtek® RTL8111B Gigabit Ethernet

I/O

MIO	2 x Serial Ports, 1 x eSATA connector, 1 x K/B, 1 x Mouse
USB	8 x USB 2.0 (4 x Ext, 4 x Int)

Mechanical

Power Requirement	24-pin ATX
Battery	Lithium Coin Cell - Panasonic CR2032
Compliance	ROHS, WEEE
Watchdog Timer	Reset; 1 sec.~255 min. and 1 sec. or 1 min./step
H/W Status Monitor	Monitoring CPU and system temperature, voltage and cooling fan Status
Operating Temperature	0~60°C (32~140°F) / 10%~90% relative humidity, noncondensing



American Portwell

44200 Christy Street,
Fremont, CA 94538, USA
Tel: +1-510-403-3399
Fax: +1-510-403-3184
E-mail: info@portwell.com
http://www.portwell.com