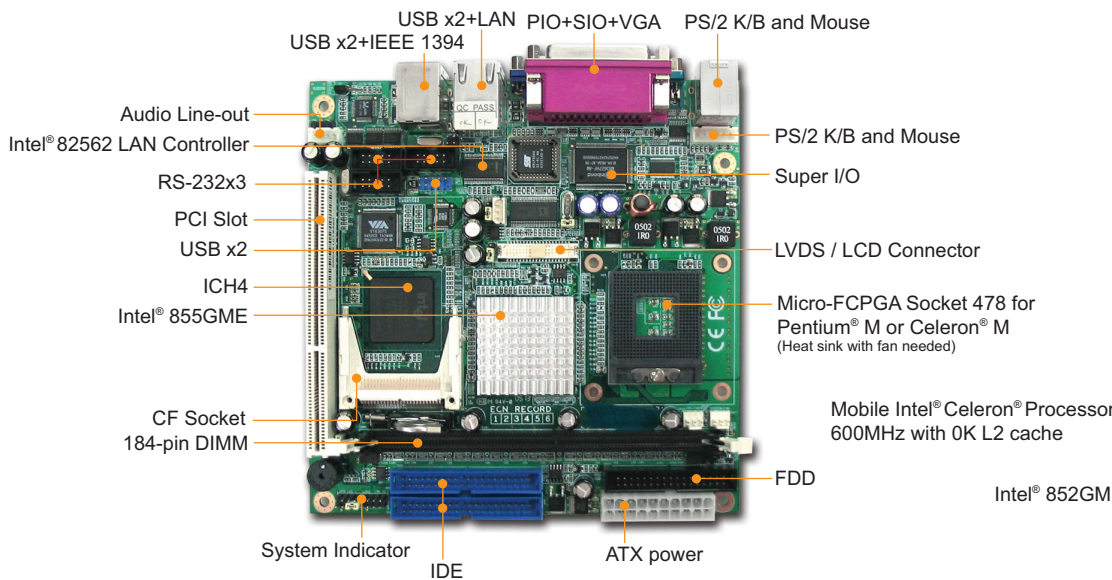
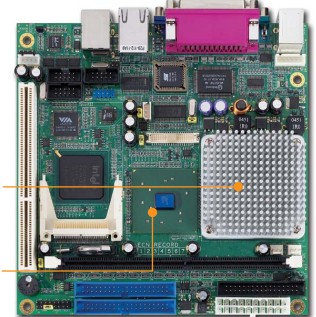


# PEB-4700VLA

Mini-ITX ESB based on Intel® Pentium® M or Celeron® M processor with DDR SDRAM, VGA / Panel, Dual display, LAN and Audio



## Fanless Solution PEB-4700ZVLA



## FEATURES

- Micro-FCPGA Socket 478 for Pentium® M or Celeron® M (PEB-4700VLA)
- Intel® 855GME chipset (PEB-4700VLA)
- Onboard Intel® Mobile Celeron® processor 600MHz with 0K L2 cache (PEB-4700ZVLA)
- Intel® 852GM chipset, 400 MHz FSB (PEB-4700ZVLA)
- Chipset integrated LVDS / VGA function
- Memory support DDR 200 / 266 MHz
- Support 10 / 100 Base-TX Ethernet
- AC97 Audio Codec, 6 x USB 2.0 ports, 4 x COM ports, IEEE1394, CF socket
- 1 x PCI slot

## ORDERING GUIDE

Standard	PEB-4700VLA Mini-ITX ESB based on Intel® Pentium® M or Celeron® M processor with DDR SDRAM, VGA / Panel, Dual display, LAN and Audio
	PEB-4700ZVLA Mini-ITX ESB based on Intel® Mobile Celeron® processor 600 MHz with 0K L2 cache with DDR SDRAM, VGA / Panel, Dual display, LAN and Audio

\* Specifications are subject to change without notice.

\* Celeron®, Pentium® III, Pentium® 4 and Xeon™ are registered trademarks of Intel® Corporation

\* Other trademarks, logo, brands and company names are the property of their respective owners

## SPECIFICATION

Processor	PEB-4700VLA: Micro-FCPGA Socket 478 for Pentium® M or Celeron® M	PEB-4700ZVLA: Mobile Intel® Celeron® Processor 600 MHz with 0K L2 cache
Core Logic	PEB-4700VLA: Intel® 855GME	PEB-4700ZVLA: Intel® 852GM
BIOS	Award BIOS	
Front Side Bus Speed	400 MHz	
Memory	One 184-pins DIMM, support 1GB DDR266 / 333 SDRAM (max.)	
Onboard LVDS / VGA Controller	- Intel® 852GM chipset integrated LVDS, VGA function - Support 24 bit dual channels LVDS panel, resolution up to UXGA - Onboard one LVDS & one CRT connectors	
LAN Controller	- Intel® 82562ET LAN controller, for 10 / 100 Base-TX Ethernet - Add LAN Active, Link LED pin-header for extend to front panel	
Onboard IDE	- Two EIDE channels for PIO mode, DMA mode - Support four ATA-100 / 66 / 33 IDE devices	
Multi I/O	Onboard Winbond® W83627HF-AW chip, support - 1x Floppy port interface - 1x SPP / EPP / ECP parallel port - COM1 for RS-232 on rear panel - COM2 / 3 / 4 for RS-232 by pin-header - CompactFlash™ type II socket (occupy IDE2 master)	
Keyboard / Mouse Connector	- Staked connector for PS/2 type keyboard & mouse - 1x 6-pins header connector for external keyboard / mouse	
Audio	AC97 Audio codec, onboard Audio Line out pin-header	
Onboard IEEE1394	Onboard VIA® VT6307 IEEE1394 chip	
USB	- Support 6x USB 2.0 ports, four USB ports on rear panel - 2x USB 2.0 ports by pin-header, optional USB cable with bracket	
WatchDog Timer	- 256 Levels software programmable	
Hardware Monitoring	Winbond® W83627HF-AW chip, monitoring for CPU and system temperature, voltage and fan speed	
Expansion Slot	1x PCI slot	
Power Connector	20-pins ATX power connector	
Environments	- Operation temperature: 0°C to 60°C (32°F to 140°F) - Storage temperature: -20°C to 80°C (-68°F to 176°F) - Relative humidity: 10% to 90% (Non-Condensing)	
Certification	CE, FCC pre-scan approval	
Form Factor	Mini ITX form factor 6.7" x 6.7" (170mm x 170mm)	



### Portwell, Inc. Headquarters

3F, No. 92, Sec. 1, Nei-Hu Rd.,  
114 Taipei, Taiwan  
Tel: +886-2-27992020  
Fax: +886-2-27991010  
E-mail: info@mail.portwell.com.tw  
http: //www.portwell.com.tw

### American Portwell

6851 Mowry Avenue  
Newark, CA 94560, USA  
Tel: +1-510-790-9192  
Fax: +1-510-790-9191  
E-mail: info@mail.portwell.com  
http: //www.portwell.com

### Portwell Japan, Inc.

〒101-0042 Ueda Build. 7F, 10-2  
Kanda Higashi matsushita-cho  
chiyoda-ku Tokyo Japan  
Tel: +81-3-5298-8071  
Fax: +81-3-5298-8072  
E-mail: info@portwell.co.jp  
http: //www.portwell.co.jp

### Beijing Portwell

6F, Building 3, Quanying Zone,  
Chuanyue Rd. 8, Shangdi, Haidian  
District, Beijing, China 100085  
Tel: +86-10-82701616  
Fax: +86-10-82700606  
E-mail: info@mail.portwell.com.tw  
http: //www.portwell.com.cn

### EMCA (UK)

Unit 30, Basepoint Enterprise Centre  
Stroudley Road, Basingstoke,  
Hampshire, RG24 8UP UK  
Tel: +44-1256-406688  
Fax: +44-1256-406689  
E-mail: info@emca.co.uk  
http: //www.emca.co.uk

M050624