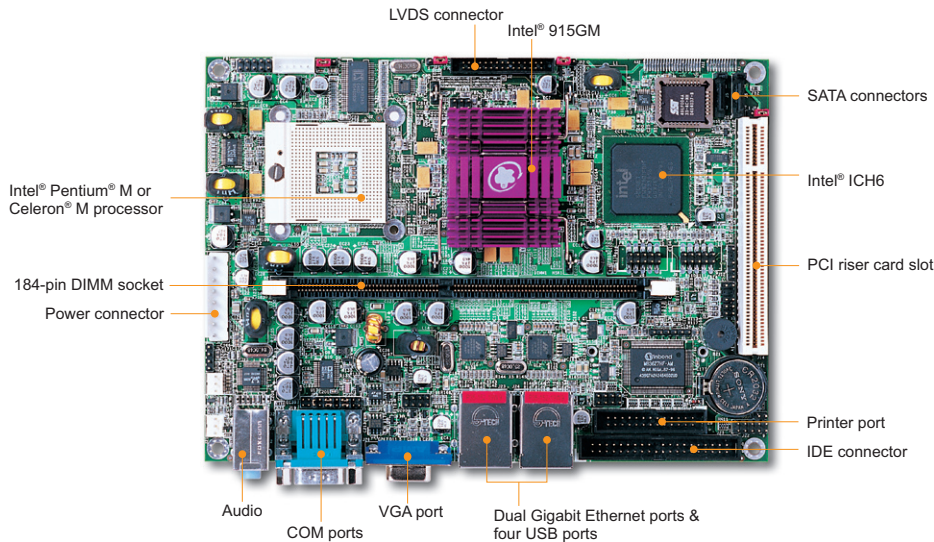


PEB-3718VG2A

5.25" ESB based on Intel® Pentium® M or Celeron® M Processor with DDR SDRAM, IEG VGA/Panel, Dual Gigabit Ethernet and Audio



FEATURES

- Intel® Pentium® M or Celeron® M in Micro-FCPGA package
- Dual independent displays support LVDS and VGA
- On-board dual Gigabit Ethernet
- On-board standard I/O, display, LCD panel, network and audio to meet the requirements of communication and multimedia platforms
- Up to 1GB high performance DDR SDRAM allows to run versatile embedded programs
- One PCI (with PCI expansion up to 3 PCI)

PACKING LIST

■ 40 pin IDE cable	x1
■ Printer port cable	x1
■ PS/2 Keyboard/Mouse cable	x1
■ ATX power cable	x1
■ CPU heatsink with Fan	x1
■ User's manual	x1
■ Utility CD	x1

ORDERING GUIDE

Standard	PEB-3718VG2A 5.25" ESB based on Intel® Pentium® M or Celeron® M Processor with DDR SDRAM, VGA/Panel, Dual Gigabit Ethernet and Audio
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OPTIONAL

Part No.	QTY	Description
B2900260	1	SATA cable

SYSTEM

CPU	Intel® 479 socket Pentium® M or Celeron® M processor
Chipset	Intel® 915GM and ICH6
System Memory	Up to 1GB DDR 266/333 SDRAM on one 184pin DIMM socket
L2 Cache Memory	1MB/2MB (Depending on processor used)
BIOS	Award
SSD	Type II Compact Flash socket
Storage Devices	One IDE device at UMDA100
Watchdog Timer	Yes (Up to 4 min.)
Expansion Interface	One PCI expansion directly; up to 3 PCI expansion via riser card
Hardware Monitoring	Voltage, Fan, Temperature
Power Requirement	ATX 2.03 compliant power
Dimension	203(W) x 146(L) mm; 8"(W) x 5.7"(L)
Environment	Operation temperature: 0~55°C Storage temperature: -20~80°C Operation humidity: 5~95%

I/O

MIO	RS232 x1, RS232/422/485 (selectable) x1, SATA 150 x 2, Parallel port x1
IrDA	Yes
Ethernet	Dual Gigabit Ethernet
Audio	AC'97 2.3
USB	USB 2.0 x 4 (Four at rear I/O panel; four parts internal)
Keyboard & Mouse	PS/2 Keyboard & Mouse (Header)

DISPLAY

Graphic Controller	Intel® 915GM GMA 900
Graphic Memory	DVMT 64MB shared DDR SDRAM
Display Interface	- 1600 x 1200 x 8bpp or 1280 x 1024 x 16bpp - LVDS; dual display support - Support NTSC, PAL and HDTV