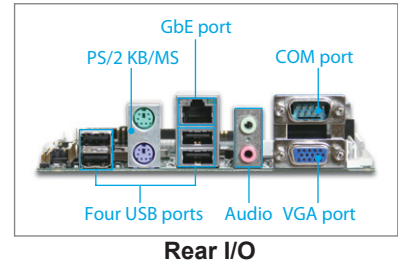
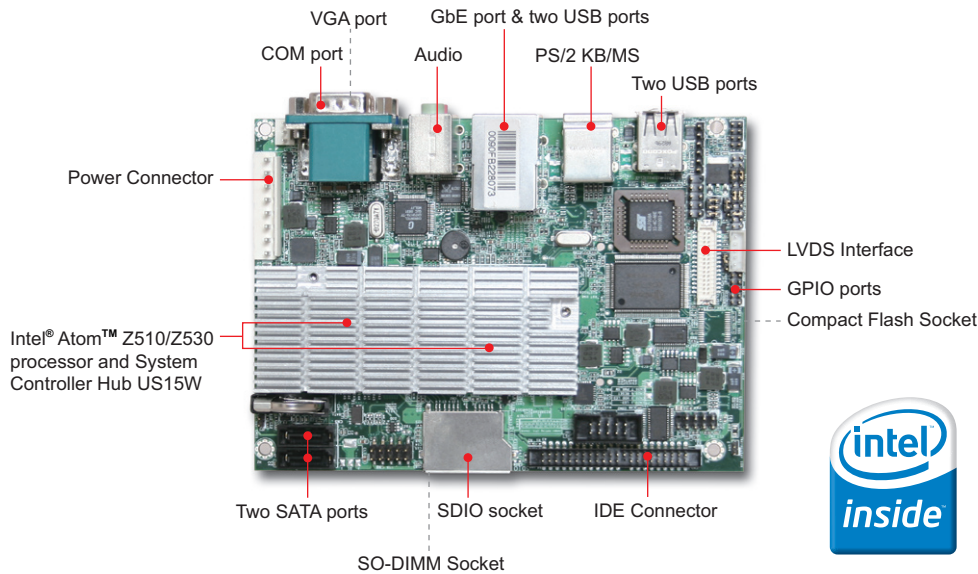


PEB-2737VLA

Intel® 45nm Ultra Low Power Atom™ processor based ECX embedded board with VGA, LVDS, Gigabit Ethernet, Audio, USB and SDIO



FEATURES

- Intel® Atom™ processor Z510 / Z530 and System Controller Hub US15W (TDP≤5W)
- One 200-pin SO-DIMM supports DDR2 SDRAM up to 2GB
- One Type II CompactFlash, one IDE & two SATA ports
- Dual independent display: VGA and 24bit LVDS
- One Gigabit Ethernet

PACKING LIST

- ATX Power cable x1
- CPU heatsink x1
- Utility CD x1

ORDERING GUIDE

Standard	PEB-2737VLA-1100 3.5" ESB based on Intel® Atom™ 1.1G processor with processor with VGA/LVDS, LAN, COM, USB and Audio
Optional	PEB-2737VLA-1600 3.5" ESB based on Intel® Atom™ 1.6G processor with VGA/LVDS, LAN, COM, USB and Audio

OPTIONAL

Part No.	QTY	Description
B6900262	1	SATA cable
B690004S	1	IDE cable

SYSTEM

CPU	Intel® Atom processor Z510 / Z530 FSB: 400/533 MHz
Chipset	Intel® System Controller Hub US15W
System Memory	One 200-pin SO-DIMM support DDR2 533/400 up to 2GB
BIOS	AMI
SSD	Type II CompactFlash socket
Storage Devices	One 44-pin IDE connector & two SATA ports
Watchdog Timer	Programmable via S/W from 1 sec. to 255 min
Expansion Interface	N/A
Hardware Monitoring	- Temperature (CPU and System) - Voltage (CPU Vcore, VBAT, 5VSB, 12V, 5V, 3.3V)
Power Requirement	ATX compliant power
Dimension	102(W) x146(L) mm; 4.01"(W) x 5.74"(L)
Environment	Operation temperature: 0~60°C Storage temperature: -20~80°C Operation humidity: 5~95%, non-condensation

I/O

MIO	IDE x1, SATA x2, RS232/422/485 x2: One DB9 & one pin header, SDIO x1, K/B x1, Mouse x1, GbE x1
Ethernet	One Gigabit Ethernet (Realtek RTL 8111C)
Audio	Mic in, Line out
USB	USB 2.0 x 4 ports & USB 2.0 with header x4

DISPLAY

Graphic Controller	Intel® System Control Hub US15W integrated graphics
Graphic Memory	Intel® GMA 500
Display Interface	VGA (Chrontel 7317A-TF) / 24bit LVDS