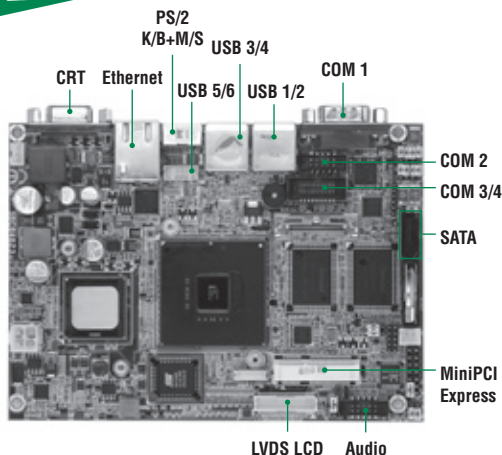


SBC84823

Intel® Atom™ Embedded SBC with Intel® System Control Hub US15W XL Chipset, VGA/LVDS, DualView and MiniPCI Express

New



- Atom™ Z510/Z520PT
- Intel® US15W
- 1 G.E.
- LVDS/CRT
- 6 USB 2.0
- MiniPCI Express
- CompactFlash™

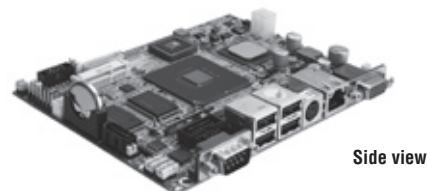
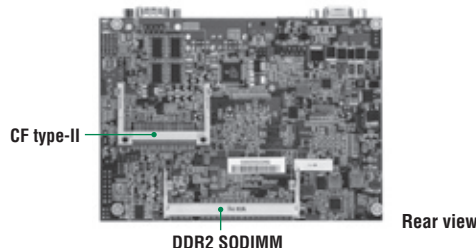
Features



- ▶ Intel® Atom™ Z510PT (1.1 GHz)/Z520PT (1.3 GHz) series processor with FSB 533MHz
- ▶ Intel® system control hub US15W XL chipset
- ▶ Integrated graphic controller for VGA and LVDS
- ▶ 6 USB 2.0 ports
- ▶ 4 COM ports
- ▶ MiniPCI Express expansion
- ▶ +8V ~+24V DC input
- ▶ Supports wide temperature of -40°C ~85°C

System

CPU	Intel® Atom™ Z510PT (1.1 GHz)/Z520PT (1.3 GHz) series processor with FSB 533MHz
System Memory	1 x 200-pin DDR2-400/533 SODIMM max. up to 2GB
Chipset	Intel® system control hub US15W XL
BIOS	Phoenix-Award with RP:/PXE LAN Boot ROM, Smart view and customer CMOS backup.
SSD	1 x CompactFlash™ type-II
Watchdog Timer	255 levels, 0~255 sec.
Expansion Interface	1 x MiniPCI Express
Battery	Lithium 3V/196mAH
Size	146 x 102mm
Temperature	-40°C ~ 85°C (-40°F ~185°F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing



I/O

MIO	1 x PS/2 keyboard 1 x PS/2 mouse 4 x RS-232 (COM1/2/3/4); with +5V/+12V powered
SATA	1 x SATA-300
Hardware Monitoring	Support CPU/System temperature, CPU/System voltage, and CPU/System Fan features
Ethernet	1 port as 10/100/1000Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Intel® 82574
Audio	HD Codec audio ALC888 as MIC-in/Line-out/Speaker-out
USB	6 x USB 2.0 port; 2 ports on rear I/O; 4 ports via connector
TPM 1.2	N/A
SMBus	System Management Bus for advanced monitoring/control interface
Digital I/O	3 channel IN and 5 channel OUT

Display

Chipset	Integrated in Intel® system control Hub US15W
Memory Size	Max. up to 256 MB sharing system memory
Resolution	* VGA: 1280 x 1024 * LVDS LCD: 18/24-bit single channel up to 1366 x 768
Output Interface	* VGA connector with D-sub 15-pin connector * LVDS LCD via JST connector

* W.T.: Wide Temperature

Packing List

Quick installation guide, user's manual/utility CD, cable

Ordering Information

	Standard
SBC84823VEA-Z510PT-RC w/ET	3.5" SBC with Intel® Atom™ Z510PT 1.1 GHz, VGA/LVDS LCD, 10/100/1000Mbps, audio and W.T. (-40°C~-85°C)
SBC84823VEA-Z520PT-RC w/ET	3.5" SBC with Intel® Atom™ Z520PT 1.3 GHz, VGA/LVDS LCD, 10/100/1000Mbps, audio and W.T. (-40°C~-85°C)