

PICO823

Intel® Atom™ Pico-ITX SBC with CRT/LVDS LCD, SATA, Gigabit Ethernet and USB client



Features

- Ultra low power Intel® Atom™ processor Z500 series
- Intel® System Controller Hub US15W
- 2 COM and 5 USB 2.0 (1 client port) supported
- CRT/LVDS LCD supported
- 1 SATA port
- 1 Gigabit Ethernet
- ACPI S0, S3, S4, S5 supported
- 5V only single voltage DC-in supported



System

| | |
|--------------------|--|
| CPU | Intel® Atom™ processor Z510 1.1 GHz and Z530 1.6GHz onboard with FSB 400/533 MHz |
| System Memory | 1 x 200-pin SO-DIMM supports DDR2-400/533 max. up to 2GB |
| Chipset | Intel® System Controller Hub US15W |
| BIOS | Phenix-Award |
| SSD | 1 x CompactFlash™ type-II |
| Watchdog Timer | 255 levels, 1~255 sec. |
| Battery | Lithium3V/225mAH |
| Size | 100 x 72mm |
| Temperature | 0~60°C, operation |
| Operation Humidity | 10%~95% relative humidity, |

Display

| | |
|-------------------|---|
| Chipset | Intel GMA 500 graphics Core |
| Memory Size | Max. up to 256MB |
| Display interface | 1 x VGA 1 x LVDS; 18/24-bit single channel |

I/O

| | |
|---------------------|---|
| MIO | 1 x PS/2 (through I/O pin-header) 2 x COM (through I/O pin-header) |
| SATA | 1 x SATA-300 |
| Hardware Monitoring | Detect CPU/system temperature and voltage |
| Ethernet | 1 port as 10/100/1000Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Realtek RTL8111B |
| Audio | HD Codec audio as MIC-in / Line-in/ Line-out/ Speaker-out with Realtek ALC888 (through I/O pin-header) |
| USB | 4 x USB 2.0 host ports (through I/O pin-header) 1 x USB client port (through I/O pin-header) |

PACKING LIST

Quick installation guide

ORDERING INFORMATION

Standard

| | |
|-----------------|---|
| PICO823VGA-Z530 | PICO823 with Intel® Atom™ Z530 1.6GHz, CRT/LVDS LCD, Gigabit Ethernet |
| PICO823VGA-Z510 | PICO820 with Intel® Atom™ Z510 1.1GHz, CRT/LVDS LCD, Gigabit Ethernet |

* All specifications and photos are subject to change without notice.



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