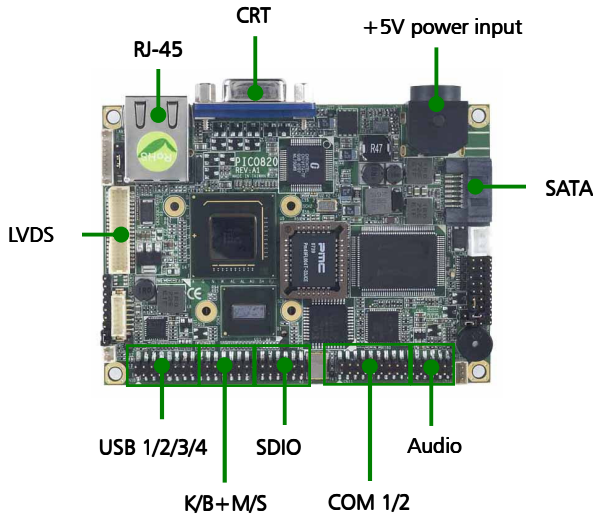


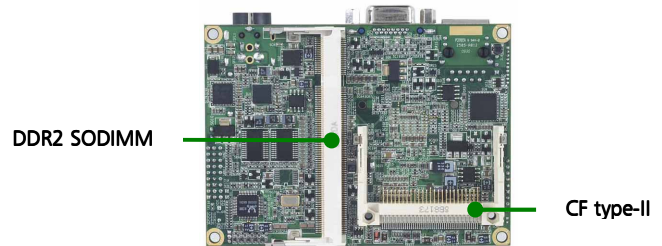
PICO820

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



Features

- Ultra low power Intel® Atom™ processor Z500 series
- Intel® System Controller Hub US15W
- Compact size: 100 x 72mm
- CRT/LVDS LCD supported
- 2 UARTs and 4 USB 2.0
- 1 SATA and 1 Gigabit Ethernet
- 1 secure digital IO (SDIO) port
- 5V only single voltage DC-in supported



System

CPU	Intel® Atom™ processor Z500 series
System Memory	1 x 200-pin SODIMM supports DDR2 PC2-2300/4200 max. up to 1GB
Chipset	Intel® System Controller Hub US15W
BIOS	Phoenix-Award
SSD	CompactFlash™ type-II
Watchdog Timer	255 level with reset from 0~255 seconds
Expansion Interface	N/A
Battery	Lithium3V/196mAH
Size	100 x 72mm
Temperature	0~60 °C, operation
Operation Humidity	10%~95% relative humidity,

Display

Chipset	Intel® System Controller Hub US15W
Resolution	LCD: 18/24-bit LVDS, max. pixel clock of 112MHz (1366 x 768@85Hz) CRT: 2048 x 1536
Output interface	CRT output through D-sub 15-pin connector LVDS LCD through JST connector
Memory Size	Max. up to 256M

I/O

MIO	1 x SATA-150, 1 x PS/2, 2 x UARTs, 1 x SDIO
Ethernet	Gigabit/Fast Ethernet
Audio	HD audio Line-in/out/Mic-in (through I/O pin-header)
USB	4 USB 2.0 ports (through I/O pin-header)

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



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