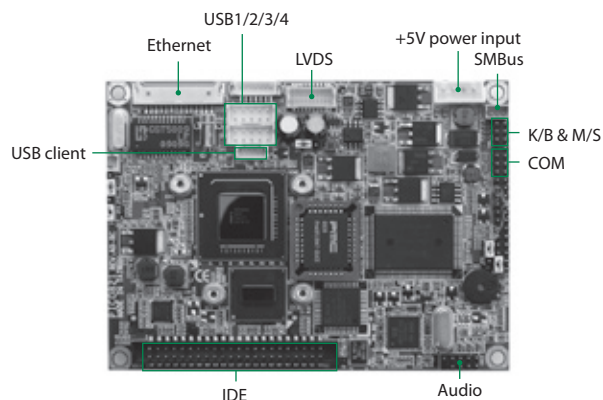


Rear view

System

CPU	Intel® Atom™ processor Z500 series
System Memory	1 x 200-pin SODIMM supports DDR2-400/533 PC2-2300/4200 max. up to 2GB
Chipset	Intel® System Controller Hub US15W
BIOS	Phoenix-Award
SSD	1 x CompactFlash™ Type-II
Watchdog Timer	255 level with Reset from 1~255 second
Expansion	N/A
Battery	Lithium 3V/196mAH
Size	100 x 72 mm
Temperature	0 ~ 60° C, operation
Operation Humid	10% ~ 95% relative humidity

Features

- Ultra low power Intel® Atom™ processor Z500 series
- Intel® System Controller Hub US15W
- Compact size: 100mm x 72mm
- LVDS LCD Supported
- 2 COM and 5 USB 2.0 (1 Client Port) Supported
- 1 PATA and 1 CompactFlash™
- 1 10/100/1000Mbps Ethernet
- 5V only single voltage DC-in supported

Ordering Information

i2821	Pico-ITX SBC with Intel® Atom Z500 series LVDS LCD, PATA, 10/100/1000Mbps and CF
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I/O

MIO	1 x IDE, 1 x PS/2 Keyboard/Mouse, 1 x COM Port
Ethernet	1 port as 10/100/1000Mbps supports Wake-on-LAN.RPL/PXE Boot ROM with Realtek RTL8111B
Audio	HD Codec audio as Line-in/out/Mic-in/ Speaker-out with Realtek ALC888
USB	5 x USB 2.0 (1 Client Port)
Hardware Monitoring	Supports CPU/System temp., CPU/System Voltage, and CPU/System fan features
SMBus	System Management Bus for advanced monitoring/control interface
Digital I/O	6 Channels In/Out

Display

Chipset	Intel® System Controller Hub US15W
Memory Size	Max. up to 256MB
Resolution	LCD: 18/24-bit LVDS, max. pixel clock of 112MHz (1366 x 768@85Hz)
Output Interface	LVDS LCD through JST Connector

Packing List

Quick Installation Guide, User's Manual/Utility CD, Cable