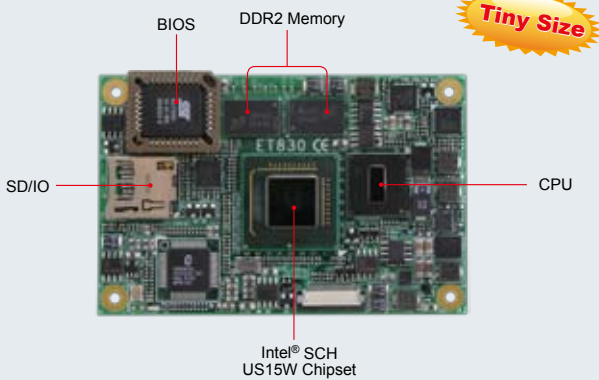


ET830



Features

- Onboard Intel® Atom™ Z530, 533MHz FSB, 1.6GHz
- DDR2 512MB memory on board
- MicroSD slot on board
- 2GB NAND Flash SSD on board
- Supports dual display, VGA/LVDS via baseboard
- Supports HDTV/HD audio via baseboard
- 2x Gigabit LAN, 1x SATA II, 1x LPT, 6x USB 2.0, 4x COM via baseboard

System

CPU	Intel® Atom™ Z530 on board
System Memory	DDR2 512MB memory on board
System Chipset	Intel® SCH US15W
BIOS	Award
Watchdog Timer	256 levels
SSD	2GB NAND Flash on board
H/W Monitor	Yes
Expansion Slot	SDIO socket onboard 1x PCI, 1x Mini PCI-E(x1) on baseboard (IP510)

Graphics

VGA Controller	Intel® SCH US15W integrated GMA500
VGA Memory	N/A
Display Interface	18-bit/24-bit single channel LVDS on baseboard (IP510)

LAN

LAN Controller	N/A
Connector	2x RJ-45 on baseboard (IP510)

Multi I/O

I/O Chipset	All on baseboard (IP510) 1x LPT, 1x KB, 1x mouse 1x SATA 1x RS-232/422/485, 3x RS232
USB	6 ports via baseboard (IP510)
Audio	Intel® SCH US15W built-in audio w/ Realtek ALC662 codec on baseboard (IP510)
Others	Digital I/O (4 in / 4 out) on baseboard (IP510)

Mechanical and Environmental

Dimensions	84mmx 55mm (3.3" x 2.2")
Max. Power Requirement	Intel® Atom™ Processor Z530 1.6GHz w/ 512MB DDR2-533 +3.3V: 0.81A +5V: 0.41A +12V: 0.85A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

ET830-16	Intel® Atom™ Z530 (1.6GHz), SCH US15W Nano ETX Express module DDR2 512MB memory + 2GB SSD onboard
HSET830-BGA	Heatsink for ET830 Nano ETX Express module
IP510	Mini ITX baseboard for Nano ETX Express



Remarks:
* Specifications are subject to change without prior notice.

