



Features

- Intel® Atom™ Z510P/ Z530P CPU
- Intel® US15WP Chipset
- One 200-pin SODIMM Up to 2GB DDR2 400/ 533 SDRAM
- Dual View, Single LVDS
- Intel® High Definition Audio
- Realtek 8103E LAN
- 1 PCIe1, 4 PCI, Micro SD
- 2 SATA, 6 USB, 4 COM
- Wide Temperature Design

Specifications

System

• CPU	Onboard Intel® Atom™ Z510P/ Z530P CPU
• BIOS	Award 8Mbit Flash BIOS
• System Chipset	Intel® US15WP Chipset
• I/O Chip	Winbond W83627DHG
• System Memory	One 200-pin SODIMM Socket Supports Up to 2GB DDR2 400 SDRAM (Z530 can also support DDR 533)
• SSD	1 x Micro SD Slot
• Watchdog Timer	Reset: 1 ~ 255min. and 1sec. or 1min./step
• H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
• Expansion	1 x PCIe1, 4 x PCI

I/O

• MIO	1 x EIDE, 2 x SATA, 1 x FDD/ LPT, 4 x TTL Serial, 1 x KB & Mouse
• USB	6 x USB 2.0
• IrDA	115Kbps, IrDA 1.0 Compliant

Display

• Chipset	Intel® Advanced Low Power Graphics Supporting 3.0 Shader and Texture
• Display Memory	Intel® Pouslbo Graphics Core Supports Up to 256MB for Dynamic Video Memory
• Resolution	LCD/ Simultaneous Mode: 1366 x 768
• Multiple Display	Single LVDS
• LCD Interface	Dual-Channel 18/ 24-bit LVDS (from CH7308) Single-Channel 18/24-bit LVDS (from US15WP, Onboard)

Audio

• AC97 Codec	Realtek ALC883
• Audio Interface	Line-in, Line-out, Mic-in Digital High Definition Audio Interface with Support for Multiple Audio Codecs

Ethernet

• LAN	Realtek 8103E
• Ethernet Interface	10/ 100 Base-Tx Fast Ethernet Compatible

Mechanical & Environmental

• Power Requirement	+5V, +5Vsb (for ATX Only)
• ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI 1.0b and 2.0 Compliant
• Power Type	AT/ ATX
• Operating Temperature	Standard Version: 0 ~ 60°C (32~140°F) Wide Temp. Version: -40 ~ 85°C (-40~194°F)
• Storage Temperature	-40 ~ 85°C (-40 ~ 185°F)
• Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
• Size (L x W)	4.5" x 3.7" (114mm x 95mm)
• Weight	0.44lbs (0.2kg)

Ordering Information

- **XTX-US15WP-510**
Intel® Atom™ Z510P XTX Module with Intel® US15WP Chipset
- **XTX-US15WP-530**
Intel® Atom™ Z530P XTX Module with Intel® US15WP Chipset
- **XTX-US15WPT-510**
Intel® Atom™ Z510PT XTX Module with Intel® US15WPT Chipset, Wide Temperature -40 ~ 85°C
- **EEV-EX20**
Micro-ATX XTX Carrier Board
- **ACC-HSP-2752-2R**
Heatspreader for XTX-US15WP

- 1 Embedded System
- 2 Qseven Module
- 3 ETX/XTX COM Express
- 4 3.5" SBC
- 5 EPIC
- 6 5.25" SBC
- 7 ATX
- 8 Micro ATX
- 9 Mini ITX
- 10 Nano ITX
- 11 ACP
- 12 Rack Mount System
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