



## Features

- Intel® Atom™ Z510P/ Z530P CPU
- Intel® US15WP Chipset
- Onboard 1GB Memory
- Supports 5.1-CH Audio
- Intel® 82583V Gigabit Ethernet
- 1 CF, 2 SATA, 6 USB, 2 COM, 16-bit GPIO
- 1 SDIO, 1 SDVO
- Optional Built-in Touch Screen Interface
- Fanless Operation
- Wide Temperature Version Available

## Specifications

### System

• CPU	Intel® Atom™ Z510P/ Z530P CPU
• BIOS	Award 8Mbit Flash BIOS
• System Chipset	Intel® US15WP
• I/O Chip	Winbond W83627DHG
• System Memory	Onboard 1GB Memory
• SSD	One CompactFlash Type I/II Socket
• Watch Dog Timer	Reset: 1 ~ 255min. and 1sec. or 1min./step
• Expansion	1 x SDIO, 1 x SDVO

### I/O

• MIO	1 x EIDE, 1 x RS-232, 1 x RS-232/ 422/ 485, 2 x SATA
• USB	6 x USB 2.0
• IrDA	115Kbps 1.0 Compliant
• DIO	8-bit GPI and 8-bit GPO

### 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	SDVO + LVDS
• LCD Interface	Single-channel 18/ 24-bit LVDS

### Built-in Touch Screen (Optional)

• Chipset	PenMount 6000
• Touch Screen Interface	With 9-pin 2mm Box Header (Can be Selected to Support 4/ 5/ 8-wire Touch Screen)

### Audio

• HD Codec	Realtek ALC883 supports 5.1 CH Audio
• Audio Interface	Mic-in, Line-in, Line-out

### Ethernet

• LAN	Intel® 82583V
• Ethernet Interface	1000 Base-Tx Gigabit Ethernet Compatible

### Mechanical & Environmental

• Power Requirement	+12V, +5Vsb (for ATX Only)
• Power Type	Single Power AT/ ATX
• Operating Temperature	0 ~ 60°C (32 ~ 140°F) (-15 ~ 70°C for Wide Temp. Version) (On/off Temperature -15 ~ 70°C)
• Storage Temperature	-40 ~ 75°C (-40 ~ 167°F)
• Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
• Size (L x W)	5.7" x 4" (146mm x 101mm)
• Weight	0.44lbs (0.2kg)

## Ordering Information

### ECM-US15WP

Intel® Atom™ Z510P/ Z530P 3.5" Micro Module with Intel® US15WP Chipset and VGA, LVDS, 5.1-CH Audio, Gigabit Ethernet, CF, 2 SATA, 2 COM, 6 USB, 16-bit GPIO, SDIO & SDVO

### ECM-US15WPT

Intel® Atom™ Z510PT 3.5" Micro Module with Intel® US15WPT Chipset and VGA, LVDS, 5.1-CH Audio, Gigabit Ethernet, CF, 2 SATA, 2 COM, 6 USB, 16-bit GPIO, SDIO & SDVO Support Wide Operating Temperature (-15 ~ 70°C)

### ACC-SDVO2 LVDS-1R

SDVO to Dual 18/ 24-bit LVDS Adaptor for ECM-US15WP

### ACC-SDVO2 DVI-1R

SDVO to DVI Adaptor for ECM-US15WP

### ACC-SDIO2 VGA-1R

SDVO to VGA Adaptor for ECM-US15WP (Included in Standard Packing)