



## Features

- 8" WSVGA TFT Touch Panel PC
- 5-wire Resistive Touch Screen
- Intel® Atom™ SoC E3845 1.91GHz CPU
- VGA, HDMI, Audio, Gigabit Ethernet
- 1 x CF, 2 x COM, 4 x USB
- Fanless, VESA Compliance
- IP-65 Compliant Front Panel
- Wide Range Voltage Input +12V ~ +26V



## Specifications

### Panel

<b>LCD Size</b>	8"
<b>Display Type</b>	WSVGA
<b>Resolution</b>	1024 x 600
<b>Pixel pitch</b>	0.1725 mm (W) x 0.1656 mm (H)
<b>Luminance</b>	500 cd/m <sup>2</sup>
<b>Contrast ratio</b>	700
<b>Viewing angle</b>	70 (U), 75 (D), 75 (L), 75 (R)
<b>Response time</b>	20 ms
<b>Backlight</b>	LED
<b>Touch Type</b>	5 Wires resistive
<b>Touch Light Transmission</b>	80%
<b>Touch Controller</b>	Onboard USB touch (PenMount)

### System

<b>SBC</b>	ECM-BYT
<b>Processor</b>	Intel® Atom™ SoC E3845 4-Core 1.91GHz processor
<b>System Chipset</b>	Intel® Valleyview SoC
<b>I/O Chipset</b>	Nuvoton W83627DHG-P
<b>System Memory</b>	1 x 204-Pin DDR3L 1333MHz SO-DIMM up to 8 GB Processor E3845 only support 1333MHz
<b>Watchdog Timer</b>	H/W Reset, 1sec. ~ 65535sec and 1sec. or 1min./step

### Expansion & Storage

<b>Expansion</b>	1 x Mini PCIe Supports mSATA
<b>Storage</b>	1 x CompactFlash Type I/II Socket CF-SATA optional

### I/O

<b>USB</b>	3 x USB 2.0 1 x USB 3.0
<b>COM Port</b>	1 x RS-232/422/485 1 x RS-232

### Audio

<b>Chipset</b>	Realtek ALC892, Support 5.1-CH
<b>Audio Interface</b>	Mic-In and Line-Out



### Ethernet

<b>Chipset</b>	2 x Intel® I211AT
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
<b>LAN Port</b>	2 x RJ-45

### Power Requirement

<b>Power Requirement</b>	+12V ~ +26V
<b>ACPI</b>	Single Power ATX Support S0, S1, S3, S4, S5 ACPI 3.0 Compliant
<b>Power Type</b>	AT/ATX (ATX is default setting)
<b>Adapter</b>	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter

### Mechanical & Environmental

<b>System Fan</b>	Fanless
<b>Construction - Front</b>	Metal
<b>Construction - Rear</b>	Aluminum + Metal
<b>Dimension</b>	225 x 129 x 43.4 mm
<b>Weight</b>	1.27 Kgs
<b>Operating Temperature</b>	0°C ~ 40°C (32°F ~ 104°F)
<b>Storage Temperature</b>	-10°C ~ 50°C (14°F ~ 122°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Vibration Test</b>	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
<b>Shock Test</b>	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms

### Certifications & Software Support

<b>Certification</b>	CE
<b>Information</b>	FCC Class B
<b>OS Information</b>	Win 7, Win 8, Linux

## Ordering Information

[FPC-08W29-00300-1R](#)

8" WSVGA ECM-BYT, E3845/2G DDR3L A1

[ACC-WIFI-USB-15R](#)

USB WIFI 802.11b/g/n

[ACC-FPC-WALLMT-02R](#)

Wall Mount Bracket Kit for FPC-08W