



## FPC-08W29

8" Intel® Atom™ SoC Processor E3845 Fanless  
Multifunctional Touch Panel PC

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

### + Spec

System	
Processor	Intel® Atom™ E3845 4-Core 1.91GHz processor
System Chipset	Intel® Valleyview SoC
System Memory	1 x 204-Pin DDR3L 1333MHz SO-DIMM up to 8 GB
I/O Chip	Nuvoton W83627DHG-P
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec and 1sec. or 1min./step
H/W Status Monitor	Monitoring SYSTEM Temperature, Voltage and FAN Status with Auto Throttling Control
SBC	ECM-BYT
Expansion	
Expansion	1 x Mini PCIe Supports mSATA
Storage	
Storage	1 x CompactFlash Type III Socket
I/O	
USB	1 x USB 3.0 3 x USB 2.0
COM Port	1 x RS-232/422/485 1 x RS-232
Display	
Chipset	Intel® Valleyview SoC integrated Graphics Supports dual display
Resolution	VGA: Max. resolution 2560x1080@ 60Hz HDMI: Max. resolution 1920x1200@ 60Hz
Audio	
Chipset	Realtek ALC892 Support 5.1-CH
Audio Interface	Mic-In and Line-Out
Ethernet	
Chipset	2 x Intel® I211AT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Mechanical & Environmental	
Operating Temp	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	1.27Kgs
Dimension (L x W x H)	225 x 129 x 43.4 mm
Vibration Test	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
System Fan	Fanless
Construction - Front	Metal
Construction - Rear	Aluminum + Metal
Certifications	
Certification Information	CE / FCC Class B
Software Support	
OS Information	Win 7 Win 8 Linux
Power Requirement	
Power Connector	Lockable DC Jack
Power Requirement	+12V ~ +26V



<b>ACPI</b>	Single Power ATX Support S0, S1, S3, S4, S5 ACPI 3.0 Compliant
<b>Power Mode</b>	AT/ATX (ATX is default setting)
<b>Adapter</b>	Input: 100 ~ 240Vdc/ 50 ~ 60Hz; Output: 60W Adapter (12V @ 5A Adapter)
<b>Panel</b>	
<b>LCD Size</b>	8"
<b>Display Type</b>	WVGA
<b>Resolution</b>	1024 x 600
<b>Pixel pitch</b>	0.1725 mm (W) x 0.1656 mm (H)
<b>Luminance</b>	500 cd/m2
<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)

**+ Ordering**

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-07R  
Wall Mount Bracket Kit for FPC-08W2x

ACC-ARM-D22R  
VESA STAND, 75x75 & 100x100 mm

ACC-CF-XX