



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 Information-	
Processor	Intel® Atom™ E3845 4-Core 1.91GHz processor
Platform Controller Hub	Intel® Valleyview SoC
System Memory	1 x 204-Pin DDR3L 1333MHz SO-DIMM up to 8 GB
I/O Chipset	Nuvoton W83627DHG-P
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec and 1sec. or 1min./step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
SBC	ECM-BYT
Expansion	
Expansion	1 x Mini PCIe Supports mSATA
Storage	
Storage	1 x CompactFlash Type I/II Socket
Panel	
LCD Size	8"
Display Type	WVGA
Resolution	1024 x 600
Pixel pitch	0.1725 mm (W) x 0.1656 mm (H)
Luminance	500 cd/m2
Contrast ratio	700
Viewing angle	70 (U), 75 (D), 75 (L), 75 (R)
Response time	20 ms
Backlight	LED
Touch Type	5 Wires resistive
Touch Light Transmission	80 %
Touch Controller	Onboard USB touch (PenMount)
I/O	
USB Port	1 x USB 3.0 3 x USB 2.0
COM Port	1 x RS-232/422/485 1 x RS-232
Display	
Graphic Chipset	Intel® Valleyview SoC integrated Graphics Supports dual display
Spec. & Resolution	VGA:Max. resolution 2560x1080@ 60Hz HDMI:Max. resolution 1920x1200@ 60Hz
Audio	
Audio Codec	Realtek ALC888S Support 5.1-CH
Audio Interface	Mic-In and Line-Out
Certifications	
Certification Information	CE / FCC Class B
Ethernet	
LAN Chipset	2 x Intel® I211AT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Power Requirement	
DC Input	+12V ~ +26V
DC Input Connector	Lockable DC Jack
ACPI	Single Power ATX Support S0, S1, S3, S4, S5 ACPI 3.0 Compliant



Power Mode	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz; Output: 60W Adapter (12V @ 5A Adapter)
Mechanical & Environmental	
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimension (W x L x H)	225 x 129 x 43.4 mm
Weight	1.27Kgs
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
Software Support	
OS Information	Win 7 Win 8 Linux
Ordering Information	
Ordering Information	FPC-08W29-00300-3R Intel Atom SoC E3845 1.91GHz/2G DDR3L / 2xGLAN / 2xCOM / Audio / 12~26V in / 12V Adapter ACC-FPC-WALLMT-07R Wall Mount Bracket Kit for FPC-08W2x ACC-FPC-08WPM-02R Panel Mount Kit for FPC-08W2x Series ACC-ARM-D22R VESA STAND, 75x75 & 100x100 mm ACC-CF-XX CompactFlash Card Series (xx=Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4, 8GB) E1702031833R USA Power Cord E1702031000R EU Power Cord E1702031834R Japan Power Cord E1702031830R UK Power Cord E1702031831R Australia Power Cord

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