



LPC-0809

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

- > 8" SVGA TFT Touch Panel PC
- > 5-wire Resistive Touch Screen
- > Intel® Atom™ E3845 1.91GHz CPU
- > HDMI, Audio
- > Dual Gigabit Ethernet, Optional WiFi Module
- > 1 CF, 2 COM, 4 USB
- > No HDD Support
- > Fanless
- > Wide Range Voltage Input +12V ~ +26V
- > IP65 Compliant Front Panel
- > VESA Compliance
- > Rugged Environment Applicable

+ 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	EC ITE IT8528E
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec. and 1sec./step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
SBC	ECM-BYT
Expansion	
Expansion	1 x Mini PCIe Support 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 1 x RS-232/422/485
Other	1 x HDMI
Display	
Chipset	Intel® Valleyview SoC integrated Graphics Supports dual display
Resolution	HDMI: Max. resolution 1920x1200@ 60Hz
Audio	
Chipset	Realtek ALC892
Audio Interface	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	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	1.5Kgs
Dimension (L x W x H)	202.5 x 159.5 x 46.5 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	Silver Aluminum
Construction - Rear	Black
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
Power Mode	AT/ATX (ATX is default setting)



Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)
Panel	
LCD Size	8", 4:3
Display Type	SVGA
Resolution	800x600
Pixel pitch	0.0675mm(H) x 0.2025mm(V)
Luminance	500 cd/m2
Contrast ratio	500
Viewing angle	50(U), 70(D), 70(L), 70 (R)
Response time	25 ms
Backlight	LED
Touch Type	5 Wires resistive
Touch Light Transmission	80%
Touch Controller	USB touch (EETI)

+ Ordering

LPC-0809-384-A1R

Intel Atom E3845 1.91GHz/4G DDR3L/2GLAN/2COM/4USB/12~26V input/12V Adaptor

ACC-WIFI-USB-14R

USB WiFi 802.11 b/g/n Module w/ Antenna, Cable USB WiFi 802.11 b/g/n Module w/ Antenna, Cable

ACC-ARM-D8R

ARM FC8888SB VESA standard:75*75&100*100

ACC-ARM-D15R

VESA STAND, 75x75 & 100x100 mm

ACC-ARM-D22R

VESA STAND, 75x75 & 100x100 mm

ACC-ARM-D29R

ARM A800B VESA standard 75*75 & 100*100mm

ACC-CF-XX

CompactFlash Card Series

(xx=Capacity, Capacity Option: 128, 256, 512 MB, 1, 2, 4, 8 GB)