



## 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 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	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
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)
I/O	
USB Port	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	
Graphic Chipset	Intel® Valleyview SoC integrated Graphics Supports dual display
Spec. & Resolution	HDMI: Max. resolution 1920x1200@ 60Hz
Audio	
Audio Codec	Realtek ALC888S
Audio Interface	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
Power Mode	AT/ATX (ATX is default setting)



<b>Adapter</b>	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)
<b>Mechanical &amp; Environmental</b>	
<b>Operating Temperature</b>	0°C ~ 40°C (32°F ~ 104°F)
<b>Storage Temperature</b>	-20°C ~ 60°C (-4°F ~ 140°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Dimension (W x L x H)</b>	202.5 x 159.5 x 46.5 mm
<b>Weight</b>	1.5Kgs
<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
<b>System Fan</b>	Fanless
<b>Construction - Front</b>	Silver Aluminum
<b>Construction - Rear</b>	Black
<b>Software Support</b>	
<b>OS Information</b>	Win 7 Win 8 Linux
<b>Ordering Information</b>	
<b>Ordering Information</b>	LPC-0809-384-A3R Intel Atom E3845 1.91GHz/4G DDR3L/2GLAN/2COM/4USB/12~26V input/12V Adaptor  LPC-0809-WMB-A3R Intel Atom E3845 1.91GHz/4G DDR3L/2GLAN/2COM/4USB/Back panel mount/12~26V input/12V Adaptor  ACC-LPC-WIFI-01R MPCIE WIFI-Kit for LPC Series(half-card) Antenna/Cable/BT4.0/802.11a/b/g/n/ac  ACC-LPC-08-PMT-03R Front Panel Mount Kit for LPC-08 Series, w/o IP-65  ACC-LPC-08-PMT-04R Front Panel Mount Kit for LPC-08 Series, w/ IP-65