



## LPC-1709(STD)

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

- > Intel® Atom™ E3845 1.91GHz CPU
- > One 204-pin DDR3L SODIMM Socket Supports Up to 8GB DDR3L 1333 SDRAM
- > 1 CF, 2 USB, 1 COM
- > Dual Intel I210IT Gigabit LAN
- > Wide Voltage +12V ~ +26V Input, ErP Power
- > Backlight Controlled by PWM
- > IP65 Compliant Front Panel
- > Timer-Power-On

### + Spec

-System Information-	
<b>Processor</b>	Intel® Atom™ E3845 4-Core 1.91GHz processor
<b>System Memory</b>	1 x 204-Pin DDR3L 1333MHz SO-DIMM up to 8 GB
<b>I/O Chipset</b>	EC ITE IT8528E
<b>Watchdog Timer</b>	H/W Reset, 1sec. ~ 65535sec./1sec.step
<b>H/W Status Monitor</b>	Monitoring CPU & System Temperature and Voltage
<b>SBC</b>	EBM-BYT
Expansion	
<b>Expansion</b>	1 x Mini PCIe Support mSATA 1 x Mini PCIe Supports SIM Card
Storage	
<b>Storage</b>	1 x CompactFlash Type VII Socket 1 x 2.5" Drive Bay
Panel	
<b>LCD Size</b>	17", 4:3
<b>Display Type</b>	SXGA
<b>Resolution</b>	1280x1024
<b>Pixel pitch</b>	0.264mm(H) x 0.264mm(V)
<b>Luminance</b>	350 cd/m2
<b>Contrast ratio</b>	800
<b>Viewing angle</b>	80 (U), 80 (D), 85 (L), 85 (R)
<b>Response time</b>	30 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 (EETI)
I/O	
<b>USB Port</b>	1 x USB 3.0 1 x USB 2.0
<b>COM Port</b>	1 x RS-232/422/485 (BIOS)
<b>SATA</b>	1 x SATA II
<b>Other</b>	1 x HDMI 1 x Knockouts for Antenna Mounting
Display	
<b>Graphic Chipset</b>	Intel® Valleyview SoC integrated Graphics Supports dual display
<b>Spec. &amp; Resolution</b>	HDMI:Max. resolution 1920x1200@ 60Hz
Audio	
<b>Audio Codec</b>	Realtek ALC888S
<b>Audio Interface</b>	Line-Out
<b>Speaker Output</b>	2 x 1W
Certifications	
<b>Certification Information</b>	CE / FCC Class B
Ethernet	
<b>LAN Chipset</b>	2 x Intel® I210T
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
<b>LAN Port</b>	2 x RJ-45
Power Requirement	



<b>DC Input</b>	+12V ~ +26V
<b>DC Input Connector</b>	Lockable DC Jack
<b>Power Mode</b>	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>	-20°C ~ 60°C (-4°F ~ 140°F)
<b>Storage Temperature</b>	-30°C ~ 70°C (-22°F ~ 158°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Dimension (W x L x H)</b>	382 x 320 x 58.8 mm
<b>Weight</b>	5 Kgs
<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>	<p>LPC-1709-384-A4R Intel Atom E3845 1.91GHz CPU/ 4G DDR3L/2GLAN/COM/SPK/12~26V input/12V Adaptor</p> <p>LPC-1709-WMB-A4R Intel Atom E3845 1.91GHz CPU/ 4G DDR3L/2GLAN/COM/SPK/ Back Panel Mount/ 12~26V input/12V Adaptor</p> <p>ACC-LPC-WIFI-01R MPCIE WIFI-Kit for LPC Series(half-card) Antenna/Cable/BT4.0/802.11a/b/g/n/ac</p> <p>ACC-ARM-D1R VESA STAND, 75mm &amp; 100 mm</p> <p>ACC-ARM-D19R VESA STAND, 75mm &amp; 100 mm</p> <p>ACC-LPC-17-PMT-01R Front Panel Mount Kit for LPC-17 Series, w/o IP-65</p> <p>ACC-LPC-17-PMT-02R Back Panel Mount Kit for LPC-17 Series, w/IP-65</p> <p>E1702031833R USA Power Cord</p> <p>E1702031000R EU Power Cord</p> <p>E1702031834R Japan Power Cord</p> <p>E1702031830R UK Power Cord</p> <p>E1702031831R Australia Power Cord</p>