



## LPC-1009

10.4" 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 1066/1333 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	
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./1sec.step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
SBC	EBM-BYT
Expansion	
Expansion	1 x Mini PCIe Support mSATA 1 x Mini PCIe Supports SIM Card
Storage	
Storage	1 x CompactFlash Type III Socket 1 x 2.5" Drive Bay
I/O	
USB	1 x USB 3.0 1 x USB 2.0
SATA	1 x SATA II
COM Port	1 x RS-232/422/485 (BIOS)
Other	1 x HDMI 1 x Knockouts for Antenna Mounting
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® I210IT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Mechanical & Environmental	
Operating Temp	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temp	-30°C ~ 70°C (-22°F ~ 158°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	2.11Kgs
Dimension (L x W x H)	259 x 196 x 41 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	



<b>Power Connector</b>	Lockable DC Jack
<b>Power Requirement</b>	+12V ~ +26V
<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>Panel</b>	
<b>LCD Size</b>	10.4", 4:3
<b>Display Type</b>	XGA
<b>Resolution</b>	1024x768
<b>Pixel pitch</b>	0.0685mm(H) x 0.2055mm(V)
<b>Luminance</b>	500 cd/m2
<b>Contrast ratio</b>	1200
<b>Viewing angle</b>	88 (U), 88 (D), 88 (L), 88 (R)
<b>Response time</b>	25 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)

### + Ordering

LPC-1009-384-B1R  
Intel Atom E3845 1.91GHz CPU/4G DDR3L/2GLAN/COM/12~26V input/12V Adaptor

ACC-LPC-WiFiUSB-3R  
USB WiFi 802.11 b/g/n Module w/ Antenna, Cable

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

ACC-ARM-D29R  
ARM A800B VESA standard 75\*75 & 100\*100mm

ACC-LPC-10-PMT-02R  
Back Panel Mount Kit for LPC-10 Series, w/IP-65