



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

Processor	Intel® Atom™ E3845 4-Core 1.91GHz processor
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./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
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Storage

Storage	1 x CompactFlash Type VII Socket 1 x 2.5" Drive Bay
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Panel

LCD Size	17", 4:3
Display Type	SXGA
Resolution	1280x1024
Pixel pitch	0.264mm(H) x 0.264mm(V)
Luminance	350 cd/m2
Contrast ratio	800
Viewing angle	80 (U), 80 (D), 85 (L), 85 (R)
Response time	30 ms
Backlight	LED
Touch Type	5 Wires resistive
Touch Light Transmission	80%
Touch Controller	Onboard USB touch (EETI)

I/O

USB Port	1 x USB 3.0 1 x USB 2.0
COM Port	1 x RS-232/422/485 (BIOS)
SATA	1 x SATA II
Other	1 x HDMI 1 x Knockouts for Antenna Mounting

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
Speaker Output	2 x 1W

Certifications

Certification Information	CE / FCC Class B
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Ethernet

LAN Chipset	2 x Intel® I210IT
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)
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)
Mechanical & Environmental	
Operating Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temperature	-30°C ~ 70°C (-22°F ~ 158°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimension (W x L x H)	382 x 320 x 58.8 mm
Weight	5 Kgs
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
Software Support	
OS Information	Win 7 Win 8 Linux
Ordering Information	
Ordering Information	<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 & 100 mm</p> <p>ACC-ARM-D19R VESA STAND, 75mm & 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>