



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 |
| HW 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 I/II Socket 1 x 2.5" Drive Bay |
| 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 |
| 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> <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> |

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