



Features

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



Specifications

Panel

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|---------------------------------|--------------------------------|
| LCD Size | 12.1", 4:3 |
| Display Type | XGA |
| Resolution | 1024 x 768 |
| Pixel Pitch | 0.240mm (H) x 0.240mm (V) |
| Luminance | 600cd/m ² |
| Contrast Ratio | 700 |
| Viewing Angle | 70 (U), 70 (D), 80 (L), 80 (R) |
| Response Time | 16ms |
| Backlight | LED |
| Touch Type | 5-wires Resistive |
| Touch Light Transmission | 80% |
| Touch Interface | USB (EETI) |

System

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|---------------------------|---|
| Board | EBM-BYT |
| CPU | Onboard Intel® Atom™ Quad-Core E3845 1.91GHz with Integrated Chipset |
| I/O Chip | E/C IT8528E |
| System Memory | One 204-pin DDR3L SODIMM Socket Supports Up to 8GB DDR3L 1333 SDRAM |
| SSD | One CompactFlash Type I/II Socket (Support Optional InnoDisk CF-SATA) |
| Hard Driver Bay | One 2.5" SATA HDD |
| Watchdog Timer | H/W Reset, 1sec. ~ 65535sec./1sec.step |
| H/W Status Monitor | Monitoring System Temperature, Voltage, and Cooling Fan Status with Auto Throttling Control |
| Expansion | 1 x mPCIe with SIM Slot, 1 x mPCIe Supports mSATA |

Rear Panel I/O

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|--------------------|---|
| Serial Port | 1 x RS-232 |
| Ethernet | 2 x RJ-45 |
| HDMI | 1 x HDMI |
| Audio port | 1 x Line-out |
| USB | 1 x USB 3.0, 1 x USB 2.0 (Optional Extra 2 x USB 2.0) |

Display

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|---------------------|--|
| Chipset | Intel® Bay Trail SoC Integrated Graphics |
| Resolution | HDMI 1.4a Resolutions Up to 1920 x 1200 @ 60 24bpp |
| Dual Display | LVDS + HDMI |

Audio

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|------------------------|--------------------------------------|
| Audio Codec | Realtek ALC892 Supports 5.1-CH Audio |
| Audio Interface | Connector: Line-out |

Ethernet

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|---------------------------|--|
| LAN Chip | Dual Intel® I210IT PCI-E Gigabit Ethernet |
| Ethernet Interface | 10/100/1000 Base-Tx Fast Ethernet Compatible |

Mechanical & Environmental

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|---------------------------------|--|
| Color | Front Silver & Rear Panel Black |
| Mounting | Wall/Stand/VESA 75mm x 75mm |
| System Power Requirement | +12V ~ +26V |
| Power Adapter | Input: 100 ~ 240Vac/50 ~ 60Hz Output: +12Vdc/5A (60W) |
| Operating Temperature | -30 ~ 60°C |
| Storage Temperature | -40 ~ 75°C |
| Operating Humidity | 5% ~ 90% Relative Humidity, Non-condensing |
| Dimensions | 283mm x 222mm x 45mm |
| Weight | 2.84Kgs |

Ordering Information

LPC-1209
 12.1" XGA TFT Panel PC with Intel® Atom™ Quad-Core E3845 1.91GHz CPU
 ACC-ARM-D22R
 VESA STAND, 75 x 75mm & 100 x 100mm
 ACC-ARM-D29R
 ARM A800B VESA Standard 75 x 75mm & 100 x 100mm
 ACC-LPC-WIFIUSB-3R
 USB WiFi 802.11 b/g/n Module w/Antenna, Cable