



## Features

- Onboard Intel® 4<sup>th</sup> Generation ULT Core i5 4300U 1.9GHz CPU (2 Die MCP)
- 2 x 204-pin SODIMM Up to 16GB DDR3L 1333/1600 SDRAM
- 1 CF, 2 USB 3.0, 1 COM
- 2 x Intel® Gigabit Ethernet, 5.1-CH Audio
- Wide Voltage +12V ~ +26V Input, ErP Power
- Over Current & Surge Protection
- Backlight Controlled by PWM
- IP65 Compliant Front Panel
- Timer-Power-On

RityPOS

LPC Series

SPC Series

FPC Series

PPC Series

APC/BFC Series

UPC Series

MPC Series

OPM Series

AID Series

MTP Series

RISC

Accessory



## Specifications

### Panel

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

### System

<b>Board</b>	EBM-QM87U
<b>CPU</b>	Onboard Intel® 4 <sup>th</sup> Generation Core i5 4300U Processor (2 Die MCP, 15W)
<b>System Chipset</b>	2 Die MCP; Integrated in Processor
<b>I/O Chip</b>	E/C IT8528E
<b>System Memory</b>	2 x 204-pin SODIMM Up to 16GB DDR3L 1333/1600 SDRAM
<b>SSD</b>	One CompactFlash Type I/II socket
<b>Hard Driver Bay</b>	Optional One 2.5"HDD or SSD
<b>Watchdog Timer</b>	Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
<b>H/W Status Monitor</b>	Monitoring System Temperature, Voltage, and Cooling Fan Status with Auto Throttling Control
<b>Expansion</b>	2 x Mini PCIe (One Supports mSATA, One Supports SIM Card Slot)

### Rear Panel I/O

<b>Serial Port</b>	1 x RS-232
<b>Ethernet</b>	2 x RJ-45
<b>HDMI</b>	1 x HDMI
<b>Audio port</b>	1 x Line-out
<b>USB</b>	2 x USB 3.0

### Display

<b>Chipset</b>	2 Die MCP; Integrated in Processor
<b>Resolution</b>	LVDS Through eDP: 1920 x 1200 @ 60Hz
<b>Dual Display</b>	HDMI + LVDS (Clone Mode)

### Audio

<b>Audio Codec</b>	Realtek ALC892 Supports 5.1-CH Audio
<b>Audio Interface</b>	Connector: Line-out

### Ethernet

<b>LAN Chip</b>	1 x Intel® I210AT Gigabit Ethernet Controller 1 x Intel® I218LM Gigabit Ethernet PHY
<b>Ethernet Interface</b>	10/100/1000 Base-Tx Fast Ethernet Compatible

### Mechanical & Environmental

<b>Color</b>	Front Silver & Rear Panel Black
<b>Mounting</b>	Wall/Stand/VESA 75mm x 75mm
<b>System Power Requirement</b>	+12V ~ +26V
<b>Power Adapter</b>	Input: 100 ~ 250Vdc/47 ~ 63Hz Output: +12Vdc/5A (60W)
<b>Operating Temperature</b>	0 ~ 40°C
<b>Storage Temperature</b>	-20 ~ 60°C
<b>Operating Humidity</b>	5% ~ 90% Relative Humidity, Non-condensing
<b>Dimensions</b>	283mm x 222mm x 45mm
<b>Weight</b>	2.84Kgs

## Ordering Information

LPC-1208  
 12.1" XGA TFT Panel PC with Intel® 4<sup>th</sup> Generation ULT Core i5 4300U 1.9GHz 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