



## Features

- Water Proof Solution, Full IP-65 Rating
- Stainless Housings Chassis and Aluminum Heatsink Design
- 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 Gigabit Ethernet, 1 COM, 3 USB
- 1 Membrane Power Button & Programmable Function Keys
- Wide Voltage +12V ~ +26V Input, ErP Power
- Backlight Controlled by PWM
- Fanless, VESA Compliance
- Timer-Power-On



## Specifications

### Panel

<b>LCD Size</b>	12.1", 4:3
<b>Display Type</b>	TFT-LCD
<b>Resolution</b>	1024 x 768, XGA
<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-wire Resistive
<b>Light Transmission</b>	80%
<b>Touch Interface</b>	USB (EETI)

### System

<b>Board</b>	EBM-BYT
<b>CPU</b>	Onboard Intel® Atom™ Quad-Core E3845 1.91GHz with Integrated Chipset
<b>BIOS</b>	AMI uEFI BIOS, 64/128Mbit SPI Flash ROM
<b>System Chipset</b>	SoC, Integrated in Processor
<b>I/O Chip</b>	E/C IT8528E
<b>System Memory</b>	One 204-pin DDR3L SODIMM Socket Supports Up to 8GB DDR3L 1333 SDRAM
<b>SSD</b>	1 x CompactFlash Type I/II Socket (Support InnoDisk CF-SATA)
<b>Hard Driver Bay</b>	One 2.5" SATA HDD
<b>Watchdog Timer</b>	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
<b>H/W Status Monitor</b>	Monitoring System Temperature and Voltage with Auto Throttling Control
<b>Expansion</b>	2 x Mini PCIe Slot, Optional Supports mSATA

### Rear Panel I/O

<b>Serial Port</b>	1 x RS-232 (Water Proof, IP-67 Rating)
<b>Ethernet</b>	1 x RJ-45 (Water Proof, IP-67 Rating)
<b>Speaker</b>	2 x 2W Speaker
<b>USB</b>	3 x USB 2.0

### Display

<b>Chipset</b>	Gen7 Intel® Graphics Technology
<b>Resolution</b>	CRT Resolutions Up to 2048 x 1536 HDMI 1.4a (1920 x 1200 @ 60 24bpp)

### Audio

<b>Audio Codec</b>	Realtek ALC892 Supports 5.1-CH Audio
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### Ethernet

<b>LAN Chip</b>	Intel® I210IT Gigabit Ethernet, Optional Dual LAN
<b>Ethernet Interface</b>	10/100/1000 Base-Tx Gigabit Ethernet Compatible

### Mechanical & Environmental

<b>Color</b>	Front & Rear Panel Silver
<b>Mounting</b>	VESA/Wall/Stand 75 x 75mm & 100 x 100mm
<b>System Power Requirement</b>	+12 ~ 26V DC Power Input
<b>Power Adapter</b>	Input: 100 ~ 250VAC/47 ~ 63Hz Output: 60W Adapter (24V @ 2.5A Adapter)
<b>Operating Temperature</b>	0 ~ 40°C (32 ~ 104°F)
<b>Storage Temperature</b>	-20 ~ 60°C (-4 ~ 140°F)
<b>Operating Humidity</b>	5% ~ 90% Relative Humidity, Non-condensing
<b>Dimensions (W x D x H)</b>	311mm x 272mm x 58mm
<b>Weight</b>	4.23Kgs

## Ordering Information

SPC-1209  
12.1" XGA TFT Panel PC with Intel® Atom™ Quad-Core E3845 1.91GHz CPU  
ACC-SPC-WIFI-2R  
MPCle WiFi 802.11 b/g/n Module w/Antenna, Cable; Only for SPC-12 Series  
ACC-ARM-D8R  
Wall Mount Bracket VESA 75 & 100mm  
ACC-ARM-D21R  
VESA Desk Stand, 75 & 100mm  
ACC-CF-XX  
CompactFlash Card Series (xx=Capacity, Capacity Option: 1, 2, 4, 8, 16, 32GB)