



Features

- Fanless Onboard Intel® Atom SoC E3845 1.91GHz with Integrated Chipset
- One 204-Pin DDR3L SO-DIMM Socket Supports Up to 8GB DDR3L 1333 SDRAM
- 3 x USB, 1 x COM
- 1 x Dual Intel® I210IT Gigabit LAN
- Wide Voltage +12V ~ +26V Input, ErP Power
- Backlight Controlled by PWM
- IP65 Compliant Front Panel
- Timer-Power-On



Specifications

Panel

LCD Size	12.1", 4:3
Display Type	XGA
Resolution	1024 x 768
Pixel pitch	0.240mm(H) x 0.240mm(V)
Luminance	600 cd/m ²
Contrast ratio	700
Viewing angle	70 (U), 70 (D), 80 (L), 80 (R)
Response time	16 ms
Backlight	LED
Touch Type	5 Wires resistive
Touch Light Transmission	80%
Touch Controller	Onboard USB touch (EETI)

System

SBC	EBM-BYT
Processor	Intel® Atom™ SoC E3845 4-Core 1.91GHz processor
I/O Chipset	EC ITE IT8528E
System Memory	1 x 204-Pin DDR3L 1333MHz SO-DIMM up to 8 GB
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec./1sec.step

Expansion & Storage

Expansion	1 x Mini PCIe Support mSATA 1 x Mini PCIe Supports SIM Card
Expansion	1 x CompactFlash Type I/II Socket 1 x 2.5" Drive Bay

I/O

USB	3 x USB 2.0
SATA	1 x SATA II
COM Port	1 x RS-232
Other	1 x WiFi

Audio

Chipset	Realtek ALC892
Audio Interface	Line-Out
Speaker Output	2 x 5W

Ethernet

LAN Chip	1 x Intel® I210IT
Ethernet Interface	10/100/1000 Base-Tx Gigabit Ethernet Compatible
LAN Port	1x RJ-45

Power Requirement

Power Requirement	+12V ~ +26V
Power Type	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (24V @ 2.5A Adapter) AC-DC Adapter

Mechanical & Environmental

System Fan	Fanless
Construction - Front	Silver Aluminum
Construction - Rear	Black
Dimension	311 x 272 x 58mm
Weight	4.23Kgs
Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	20% ~ 80% Relative Humidity, Non-condensing
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

Certifications & Software Support

Certification	CE
Information	FCC Class A
OS Information	Win 7, Win 8, Linux

Ordering Information

SPC-1209-384-A1R

12.1" XGA Waterproof Stainless Panel PC with Intel® Atom™ SoC E3845 1.91GHz CPU

ACC-SPC-WIFI-3R

802.11b/g/n MPCIe/2Antenna/Cable, only for SPC-12 Series

ACC-ARM-D4R

ARM A800 VESA standard 75x75 & 100x100mm