



Features

- Fanless Onboard Intel® Atom SoC E3845 1.91GHz with Integrated Chipset
- One 204-pin DDR3L SODIMM 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

CH2

Applied Panel PC-SPC Series



Specifications

Panel

LCD Size	22"
Display Type	WSXGA
Resolution	1680 x 1050
Pixel pitch	0.282mm(H) x 0.282mm(V)
Luminance	250 cd/m ²
Contrast ratio	1000
Viewing angle	80 (U), 80 (D), 85 (L), 85 (R)
Response time	5 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
Storage	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

Audio

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

Ethernet

Chipset	1 x Intel® I210IT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	1 x RJ-45

Power Requirement

Power Requirement	+12V ~ +26V
Power Type	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 90W Adapter (19V @ 4.74A Adapter) AC-DC Adapter

Mechanical & Environmental

System Fan	Fanless
Construction - Front	Front & Rear Silver Stainless
Construction - Rear	Black
Dimension	546 x 378 x 69 mm
Weight	9Kgs
Operating Temperature	0°C ~ 40°C (32°F ~ 104°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-22W9-384-A1R

22" WSXGA 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-D1R

VESA STAND, 75mm & 100 mm

ACC-ARM-D23R

VESA STAND, 75mm & 100 mm