



SPC-1209

12.1" Intel® Atom™ SoC Processor E3845 Fanless
Stainless Steel Chassis Touch Panel PC with Full
IP-65

- > 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 LAN, 1 COM, 3 USB
- > Wide Voltage +12V ~ +26V Input, ErP Power
- > Full System IP65

+ Spec

System Information

Processor	Intel® Atom™ E3845 4-Core 1.91GHz processor/ Intel® Celeron® J1900 2.00GHz processor
System Memory	1 x 204-Pin DDR3L 1333MHz SO-DIMM up to 8 GB
I/O Chipset	EC ITE IT8528E
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec./1sec.step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
SBC	EBM-BYT

Expansion

Expansion	1 x Mini PCIe Support mSATA 1 x Mini PCIe Supports SIM Card
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Storage

Storage	1 x CompactFlash Type VII Socket 1 x 2.5" Drive Bay
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Panel

LCD Size	12.1", 4:3
Display Type	XGA
Resolution	1024x768
Pixel pitch	0.240mm(H) x 0.240mm(V)
Luminance	600 cd/m2
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)

I/O

USB Port	3 x USB 2.0 (2 from rear I/O, 1 through 3-in-1 waterproof external cable)
COM Port	1 x DB9 (Through 3-in-1 Waterproof External Cable)
SATA	1 x SATA II

Wireless Communication

WLAN	Optional WIFI Module 802.11 ac/a/b/g/n/
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Display

Graphic Chipset	Intel® Valleyview SoC integrated Graphics Supports dual display
Spec. & Resolution	HDMI:Max. resolution 1920x1200@ 60Hz

Audio

Audio Codec	Realtek ALC888S
Audio Interface	Line-Out
Speaker Output	2 x 5W

Certifications

Certification Information	CE / FCC Class A
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Ethernet

LAN Chipset	2 x Intel® I211AT Gigabit Ethernet Controller
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	1 x RJ-45 (Through 3-in-1 external waterproof cable)

Power Requirement

DC Input	+12V ~ +26V
DC Input Connector	Lockable DC Jack



Power Mode	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (24V @ 2.5A Adapter)
Mechanical & Environmental	
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
Dimension (W x L x H)	311 x 272 x 58mm
Weight	4.23Kgs
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
System Fan	Fanless
Construction - Front	Front & Rear Silver Stainless
Construction - Rear	Black
Software Support	
OS Information	Win 7 Win 8 Win 10 Linux
Ordering Information	
Ordering Information	SPC-1209-190-A4R Intel Celeron SoC J1900 2.0GHz D1-CPU/4G DDR3L/32G SSD/1GLAN/2USB/12~26V input/24V Adapter SPC-1209-384-A4R Intel E3845 CPU/4G DDR3L/32G SSD/1GLAN/1COM/3USB/12~26V input/24V Adapter ACC-ARM-D1R VESA STAND, 75mm & 100 mm ACC-ARM-D23R VESA STAND, 75mm & 100 mm ACC-SPC-WIFI-1R Wifi Kits for SPC-15/17/22 802.11b/g/n MPCle/2Antenna/Cable