



## 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	
<b>Processor</b>	Intel® Atom™ E3845 4-Core 1.91GHz processor/ Intel® Celeron® J1900 2.00GHz processor
<b>System Memory</b>	1 x 204-Pin DDR3L 1333MHz SO-DIMM up to 8 GB
<b>I/O Chipset</b>	EC ITE IT8528E
<b>Watchdog Timer</b>	H/W Reset, 1sec. ~ 65535sec./1sec.step
<b>H/W Status Monitor</b>	Monitoring CPU & System Temperature and Voltage
<b>SBC</b>	EBM-BYT
Expansion	
<b>Expansion</b>	1 x Mini PCIe Support mSATA 1 x Mini PCIe Supports SIM Card
Storage	
<b>Storage</b>	1 x CompactFlash Type VII Socket 1 x 2.5" Drive Bay
Panel	
<b>LCD Size</b>	12.1", 4:3
<b>Display Type</b>	XGA
<b>Resolution</b>	1024x768
<b>Pixel pitch</b>	0.240mm(H) x 0.240mm(V)
<b>Luminance</b>	600 cd/m2
<b>Contrast ratio</b>	700
<b>Viewing angle</b>	70 (U), 70 (D), 80 (L), 80 (R)
<b>Response time</b>	16 ms
<b>Backlight</b>	LED
<b>Touch Type</b>	5 Wires resistive
<b>Touch Light Transmission</b>	80 %
<b>Touch Controller</b>	Onboard USB touch (EETI)
I/O	
<b>USB Port</b>	3 x USB 2.0 (2 from rear I/O, 1 through 3-in-1 waterproof external cable)
<b>COM Port</b>	1 x DB9 (Through 3-in-1 Waterproof External Cable)
<b>SATA</b>	1 x SATA II
Wireless Communication	
<b>WLAN</b>	Optional WIFI Module 802.11 ac/a/b/g/n/
Display	
<b>Graphic Chipset</b>	Intel® Valleyview SoC integrated Graphics Supports dual display
<b>Spec. &amp; Resolution</b>	HDMI:Max. resolution 1920x1200@ 60Hz
Audio	
<b>Audio Codec</b>	Realtek ALC888S
<b>Audio Interface</b>	Line-Out
<b>Speaker Output</b>	2 x 5W
Certifications	
<b>Certification Information</b>	CE / FCC Class A
Ethernet	
<b>LAN Chipset</b>	2 x Intel® I211AT Gigabit Ethernet Controller
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
<b>LAN Port</b>	1 x RJ-45 (Through 3-in-1 external waterproof cable)
Power Requirement	
<b>DC Input</b>	+12V ~ +26V
<b>DC Input Connector</b>	Lockable DC Jack



<b>Power Mode</b>	AT/ATX (ATX is default setting)
<b>Adapter</b>	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (24V @ 2.5A Adapter)
<b>Mechanical &amp; Environmental</b>	
<b>Operating Temperature</b>	0°C ~ 40°C (32°F ~ 104°F)
<b>Storage Temperature</b>	-20°C ~ 60°C (-4°F ~ 140°F)
<b>Operating Humidity</b>	20% ~ 80% Relative Humidity, Non-condensing
<b>Dimension (W x L x H)</b>	311 x 272 x 58mm
<b>Weight</b>	4.23Kgs
<b>Vibration Test</b>	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
<b>Shock Test</b>	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
<b>System Fan</b>	Fanless
<b>Construction - Front</b>	Front & Rear Silver Stainless
<b>Construction - Rear</b>	Black
<b>Software Support</b>	
<b>OS Information</b>	Win 7 Win 8 Win 10 Linux
<b>Ordering Information</b>	
<b>Ordering Information</b>	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