



## SPC-1709

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

- > Fanless Onboard Intel® E3845 / J1900 processor with Integrated Chipset
- > One 204-pin DDR3L SODIMM Socket Supports Up to 8GB DDR3L 1333 SDRAM
- > 3 USB, 1 LAN, 1 COM
- > 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./Monitoring CPU & System Temperature and Voltage 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
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#### Storage

<b>Storage</b>	1 x CompactFlash Type VII Socket 1 x 2.5" Drive Bay
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#### Panel

<b>LCD Size</b>	17", 4:3
<b>Display Type</b>	SXGA
<b>Resolution</b>	1280x1024
<b>Pixel pitch</b>	0.264mm(H) x 0.264mm(V)
<b>Luminance</b>	350 cd/m2
<b>Contrast ratio</b>	800
<b>Viewing angle</b>	80 (U), 80 (D), 85 (L), 85 (R)
<b>Response time</b>	30 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 waterproof USB 2.0
<b>COM Port</b>	1 x waterproof DB9
<b>SATA</b>	1 x SATA II

#### Wireless Communication

<b>WLAN</b>	Optional WIFI Module 802.11 ac/a/b/g/n/
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#### 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 (Optional)

#### Certifications

<b>Certification Information</b>	CE / FCC Class A
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#### Ethernet

<b>LAN Chipset</b>	1 x Intel® I210IT
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
<b>LAN Port</b>	1 x waterproof LAN

#### Power Requirement

<b>DC Input</b>	+12V ~ +26V
<b>DC Input Connector</b>	Waterproof Lockable DC Jack



<b>Power Mode</b>	AT/ATX (ATX is default setting)
<b>Adapter</b>	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter AC-DC 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>	0% ~ 90% Relative Humidity, Non-condensing
<b>Dimension (W x L x H)</b>	405 x 353 x 66.6mm
<b>Weight</b>	7.5Kgs
<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 Linux
<b>Ordering Information</b>	
<b>Ordering Information</b>	SPC-1709-190-A4R Intel Celeron SoC J1900 2.0GHz D1-CPU/4G DDR3L/32G SSD/1GLAN/COM/3USB/12~26V input/24V Adapter  SPC-1709-384-A4R Intel E3845 D1-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