avalue Technology Inc.

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 CF, 2 USB, 1 COM
- Dual Intel I210IT Gigabit LAN
- Wide Voltage +12V ~ +26V Input, ErP Power
- Backlight Controlled by PWM
- Full System IP65
- Timer-Power-On

Spec

System	
Processor	Intel® Atom™ E3845 4-Core 1.91GHz processor/ Intel® Celeron® J1900 2.00GHz processor
System Memory	1 x 204-Pin DDR3L 1333MHz SO-DIMMup to 8 GB
I/O Chip	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
Storage	
Storage	1 x CompactFlash Type I/II Socket 1 x 2.5" Dirve Bay
I/O	
USB	3 x USB 2.0
SATA	1 x SATA II
COM Port	1 x RS-232
Display	
Chipset	Intel® Valleyview SoC integrated Graphics Supports dual display
Resolution	HDMI:Max. resolution 1920x1200@ 60Hz
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	2 x RJ-45
Mechanical & Environmental	
Operating Temp	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	20% ~ 80% Relative Humidity, Non-condensing
Weight	4.23Kgs
Dimension (L x W x H)	311 x 272 x 58mm
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
Certifications	
Certification Information	CE / FCC Class A
Software Support	
OS Information	Win 7 Win 8 Linux
Power Requirement	
Power Connector	Lockable DC Jack
Power Requirement	+12V ~ +26V
Power Mode	AT/ATX (ATX is default setting)

Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (24V @ 2.5A Adapter)
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)

Ordering

SPC-1209-384-A2R
12.1" XGA Waterproof Stainless Panel PC with Intel® Atom Quad-Core E3845 1.91GHz CPU/4GR/32GSSD/1LAN/1COM/3USB/True Flat Rear Case

SPC-1209-190-A2R
12.1" XGA Waterproof Stainless Panel PC with Intel® J1900 2.00 GHz CPU/4GR/32GSSD/1LAN/2USB/True Flat Rear Case/No Speakers

ACC-SPC-WIFI-3R
802.11 ac/a/b/g/n/Antenna/Cable for SPC Baytrail SKU

ACC-ARM-D4R
ARM A800 VESA standard 75*75 & 100*100mm

ACC-ARM-D22R
VESA STAND, 75x75 & 100x100 mm