

Fanless Rugged Touch Panel PC

Rugged Touch Panel PC 600nits Operating Temperature -20°C ~ 60°C (-4°F ~ 140°F) 12.1" Intel® Atom™ SoC Processor E3845 Fanless Rugged Touch Panel PC

Model: **VPC1210AT09**



Features:

- Intel® Atom™ E3845 1.91GHz CPU
- 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
- IP65 Compliant Front Panel
- Timer-Power-On

Specifications:

Panel

• LCD Size	12.1", 4:3
• Display Type	XGA
• Resolution	1024 x 768
• Pixel Pitch	0.240mm(H) x 0.240mm(V)
• Luminance	600 cd/m ²
• Contrast Ratio	700
• Viewing Angle	70 (U), 70 (D), 80 (L), 80 (R)
• Response Time	16ms
• Backlight	LED
• Touch Screen	5-wire Resistive
• 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	E/C 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	1 x USB 3.0 1 x USB 2.0
• SATA	1 x SATA II
• COM Port	1 x RS-232/422/485 (BIOS)
• Other	1 x HDMI, 1 x Knockouts for Antenna Mounting

Audio

• Chipset	Realtek ALC892
• Audio Interface	Line-Out

Ethernet

• Chipset	2 x Intel® I210IT
• Ethernet Interface	10/100/1000 Base-Tx GbE compatible
• LAN Port	2 x RJ-45

Power Requirement

• Power Requirement	+12V ~ +26V
• Power Type	AT/ATX (ATX is default setting)
• Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter

Environment & Mechanical

• System Fan	Fanless
• Construction – Front	Silver Aluminum
• Construction – Rear	Black
• Dimension	283mm x 222mm x 45mm
• Weight	2.84Kgs
• Operating Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
• Storage Temperature	-30°C ~ 70°C (-22°F ~ 158°F)
• Operating Humidity	0% ~ 90% 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 Information	CE, FCC Class B
• OS Information	Win 7, Win 8, Linux

