

Fanless Rugged Touch Panel PC

Fanless Rugged Touch Panel PC with 600nits Operating Temperature -30°C ~ 60°C (-22°F ~ 140°F) 12.1" Intel® Atom™ SoC Processor E3845 Fanless Rugged Touch Panel PC with IET Expansion

Model: **VX1210QC09**



Features:

- Onboard Intel® Atom™ SoC E3845 Quad-Core 1.91 GHz CPU
- One 204-pin DDR3L SODIMM Socket Supports Up to 8GB DDR3L 1333 SDRAM
- 4 USB, 2 COM
- Dual Intel I210IT Gigabit LAN
- Wide Voltage +12V ~ +26V Input, ErP Power
- Available Expansion for Audio, USB, COM, HDMI, PCIe, GPIO, CAN Bus
- IP65 Compliant Front Panel, IP41 Rear Box
- 5-wire Resistive Touch

Specifications:

Panel	
• LCD Size	12.1", 4:3
• Display Type	XGA
• Resolution	1024 x 768
• Pixel Pitch	0.1905 mm (H) x 0.1905 mm (V)
• Luminance	600 cd/m ²
• Contrast Ratio	700
• Viewing Angle	80 (U), 80 (D), 80 (L), 80 (R)
• Response Time	16ms
• Backlight	LED
• Touch Screen	5-wire Resistive
• Light Transmission	80%
• Touch Controller	Onboard USB touch (PenMount)

System	
• SBC	ARC-BYT
• Processor	Intel® Atom™ SoC E3845 4-Core 1.91GHz processor
I/O Chipset	EC ITE 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 Optional 80-pin Expansion
• Storage	1 x 2.5" Drive Bay (7mm HDD Restricted)

I/O	
• USB	1 x USB 3.0, 3 x USB 2.0
• SATA	1 x SATA II
• COM Port	1 x RS-232/422/485, 1 x RS232
• Other	1 x WiFi, 3 x Knockouts for Antenna Mounting

Audio	
• Chipset	Realtek ALC892
• Audio Interface	Speaker Out
• Speaker Output	2 x 1W

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
• 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	284 x 223 x 46 mm
• Weight	2.4Kgs
• Operating Temperature	-30°C ~ 60°C (-22°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 : 5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 1hr/axis
• Shock Test	With CF/SSD : 20Grms, IEC 60068-2-27, Half Sine, 11ms

Certifications & Software Support	
• Certification Information	CE, FCC Class B
• OS Information	Win 7, Win 8, Linux

