

Fanless Rugged Touch Panel PC

8" 1024 x 600 Touch Panel PC System, Intel Atom SoC
E3845 1.91GHz/4G RAM/64GB SSD/2xGLAN/2xCOM
Audio12~26V in/12V Adapter/Win10 IoT

Model: VCPC0800AT6



Features:

- 8" WSVGA TFT Touch Panel PC
- 5-wire Resistive Touch Screen
- Intel Atom E3845 1.91 GHz CPU
- VGA, HDMI, Audio, Gigabit Ethernet
- 1 CF, 2 COM, 4 USB
- Fanless, VESA Compliance
- IP-65 Compliant Front Panel
- Wide Range Voltage Input +12V~+26V

Specifications:

System	
Processor	Intel® Atom™ E3845 4-Core 1.91GHz processor
System Chipset	Intel® Valleyview SoC
System Memory	1 x 204-Pin DDR3L 1333MHz SO-DIMM up to 8 GB
I/O Chip	Nuvoton W83627DHG-P
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec and 1sec. or 1 min./step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
SBC	ECM-BYT
Expansion	
Expansion	1 x Mini PCIe Supports mSATA
Storage	
Storage	1 x CompactFlash Type I/II Socket
Panel	
LCD Size	8"
Display Type	WGA
Resolution	1024 x 600
Pixel pitch	0.1725 mm (W) x 0.1656 mm (H)
Luminance	500 cd/m ²
Contrast ratio	700
Viewing angle	70 (U), 75 (D), 75 (L), 75 (R)
Response time	20 ms
Backlight	LED
Touch Type	5 Wires resistive
Touch Light Transmission	30 %
Touch Controller	Onboard USB touch (PenMount)
I/O	
USB	1 x USB 3.0 3 x USB 2.0
COM Port	1 x RS-232/422/485 1 x RS-232
Display	
Chipset	Intel® Valleyview SoC integrated Graphics Supports dual display
Resolution	VGA:Max. resolution 2560x1080@ 60Hz HDMI:Max. resolution 1920x1200@ 60Hz

Audio	
Chipset	Realtek ALC892 Support 5.1-CH
Audio Interface	Mic-In and Line-Out
Ethernet	
Chipset	2 x Intel® I211AT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Mechanical & Environmental	
Operating Temperature	D°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	10°C ~ 50°C (14°F - 122°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	1.27Kgs
Dimension (L x W x H)	225 x 129 x 43.4 mm
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	Metal
Construction - Rear	Aluminum + Metal
Certifications	
Certification Information	CE / FCC Class B
Power Requirement	
Power Connector	Lockable DC Jack
Power Requirement	+12V ~ +26V
ACPI	Single Power ATX Support S0, S1, S3, S4, S5 ACPI 3.0 Compliant
Power Mode	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz; Output: 60W Adapter (12V @ 5A Adapter)

**Specifications subject to change without notice, not responsible for typographical errors.*

Drawings

This is subject to change without Notice. Final Drawings will be provided for Approval after Order.

