

Fanless Rugged Touch Panel PC

12.1" Touch Panel PC with Intel Core i5 4300U Processor
4GB DDR3L Memory, and Intel 80GB S3510 SSD

Model: VPC1210CD-i5-EX01



Features:

- Onboard 4th Gen Intel® ULT Core™ i5 4300U 1.9GHz BGA Processor
- Two SODIMM sockets supports up to 16GB DDR3L 1333/1600 SDRAM
- 1 CF, 2 USB, 1 COM
- Dual Intel Gigabit LAN
- Wide Voltage +12V ~ +26V Input, ErP Power
- Backlight Controlled by PWM
- IP-65 Compliant Front Panel
- Power-On Timer



Specifications:

System	
Processor	4th Gen Intel® Core™ i5-4300U, 2-Core, 1.9GHz processor
System Memory	2 x 204-Pin DDR3L 1600MHz SO-DIMM up to 16 GB
I/O Chip	EC ITE IT8528E
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec. and 1sec./step
H/W Status Monitor	Monitoring SYSTEM Temperature and Voltage with Auto Throttling Control
SBC	EBM-QM87U
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" Drive Bay
I/O	
USB	2 x USB 3.0
SATA	1 x SATA II
Com Port	1 x RS-232
Other	1 x HDMI 1 x Knockouts for Antenna Mounting



Display	
Chipset	Intel® Lynx Poing Integrated Graphics Supports dual display
Resolution	HDMI:Max. resolution 4000x2000@ 60Hz
Audio	
Chipset	Realtek ALC892
Audio Interface	Line-Out
Ethernet	
Chipset	1 x Intel® I210AT, 1 x Intel® I218LM
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	0% ~ 90% Relative Humidity, Non-condensing
Weight	2.84Kgs
Dimension (L x W x H)	283 x 222 x 45mm
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	Silver Aluminum
Construction - Rear	Black
Certifications	
Certification Information	CE / FCC Class B
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 (12V @ 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)