



PPC-1728

17" 4th Gen Intel® ULT Core™ Processor i7/i5/i3
Fanless Plastic Chassis Touch Panel PC

- > Onboard 4th Gen Intel® ULT Core™ i5 4300U 1.9GHz BGA Processor
- > 2 SODIMM up to 16 GB DDR3L SDRAM
- > 1 CF, 2 USB, 1 COM & 1 Mini-PCIe
- > 2 Intel Gigabit LAN, 2W Amplifier
- > Timer-Power-On
- > Fanless Operation, VESA Compliance
- > Programmable Function Key
- > IP-65 Compliant Front Panel
- > VESA Compliance

+ Spec

System	
Processor	4th Gen Intel® Core™ i5-4300U, 2-Core, 2.9GHz processor
System Chipset	Intel® Lynx Point-LP PCH
System Memory	2 x 204-Pin DDR3L 1600MHz SO-DIMM up to 16GB
I/O Chip	EC ITE IT8528E
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec. and 1sec./step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
SBC	EBM-QM87U
Expansion	
Expansion	1 x Mini PCIe Supports mSATA
Storage	
Storage	1 x CompactFlash Type III Socket 1 x 2.5" Drive Bay
I/O	
USB	2 x USB 2.0 2 x USB 3.0
COM Port	1 x RS-232/422/485
Display	
Chipset	Intel® Lynx Point Integrated Graphics Supports dual display
Resolution	HDMI:Max. resolution 4096x2304@ 24Hz
Audio	
Chipset	Realtek ALC892 supports 5.1-CH
Audio Interface	Line-Out
Speaker Output	2 x 2W
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	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	5.9Kgs
Dimension (L x W x H)	391.5 X 364.5 X 59mm
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	White Plastic
Construction - Rear	Grey Plastic
Certifications	
Certification Information	CE / FCC Class B
Software Support	
OS Information	Win 8 Win 7 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	17", 4:3
Display Type	SXGA
Resolution	1280x1024
Pixel pitch	0.264mm (H) x 0.264mm (V)
Luminance	350 cd/m2
Contrast ratio	800
Viewing angle	80 (U), 80 (D), 85 (L), 85 (R)
Response time	30 ms
Backlight	LED
Touch Type	5 Wires resistive
Touch Light Transmission	80%

Ordering

PPC-1728-430-A1R
17" SXGA i5-4300U 1.9GHz/2GR/32GSSD

ACC-WIFI-PCIE-8R
WM5201 802.11b/g/n Mini Card w/ Antenna for PPC Series

ACC-ARM-D1R
VESA STAND, 75 & 100mm

ACC-CF-XX
CompactFlash Card Series

(xx=Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4, 8GB)