



PPC-2128

21.5" 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, 4 USB, 1 COM & 1 Mini-PCle
- > 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, 1.9GHz processor
System Chipset	Intel® Lynx Point-LP PCH
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 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 4000x2000 @ 25Hz LVDS: Max. resolution 1920x1200 @ 60Hz
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	
Power Type	AT/ATX (ATX is default setting)
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	7.2 Kgs
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
Dimension	542 X 382 X 63 mm
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
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter
Panel	
LCD Panel	21.5"
Display Type	Full HD
Resolution	1920x1080
Pixel pitch	0.248mm (H) x 0.248mm (V)
Luminance	250 cd/m ²
Contrast ratio	1000
Viewing angle	80 (U), 80 (D), 85 (L), 85 (R)
Response time	5 ms
Backlight	LED
Touch Type	5 Wires resistive
Touch Light Transmission	80 %

+ Ordering

PPC-2128-430-A1R
21.5" FHD i5-4300U 1.9GHz/2GR/32GSDD

ACC-MPCIE-WIFI04R
Intel AC-7260R mini-PCIe WiFi halfcard 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)