



# PPC-2128

21.5" Intel® Core™ i5-4300U Full HD Fanless  
Multi-functional Plastic Panel PC

## Features

- 21.5" 16:9 Full HD TFT
- Fanless
- Onboard Intel® Core™ i5-4300U 1.9GHz CPU
- 2 x 204-pin DDR3L SODIMM Up to 16GB SDRAM
- 1 CF, 2 USB, 1 COM, 2 Mini PCIe
- 2 Intel® Gigabit Ethernet
- 2W Amplifier
- Timer-Power-On
- VESA Compliance
- Programmable Function Key



All-in-One Panel PC

## Specifications

### Panel

LCD Size	21.5", 16:9
Resolution	1920 x 1080 Full HD TFT, 16.7M
Pixel Pitch	0.248mm (H) x 0.248mm (V)
Luminance	250cd/m <sup>2</sup>
Contrast Ratio	1000
Viewing Angle	80 (U), 80 (D), 85 (L), 85 (R)
Response Time	5 ms
Backlight	LED
Touch Type	5-wire Resistive
Touch Interface	USB (EETI)
Light Transmission	80%

### System

CPU	Onboard Intel® Core™ i5-4300U 1.9GHz CPU
System Chipset	Intel® Lynx Point (2 Die MCP; Integrated in Processor)
System Memory	2 x 204-pin SODIMM sockets support up to 16GB SDRAM
Storage	One 2.5" SATA HDD/SSD One CF Socket Supports Type I/II Compact Flash Card
WiFi	Optional Mini PCIe WiFi Module
Expansion	2 x Mini PCIe Slots
LAN Chip	1 x Intel® I210AT Gigabit Ethernet Controller and 1 x Intel® I218LM Gigabit Ethernet PHY
Audio Codec	Realtek ALC892 Supports 5.1-CH Audio
I/O Chip	E/C IT8528E
Watchdog Timer	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throt- tling Control

### External I/O

KB/MS	1 x PS/2 KB & MS (Co-layout with secondary RJ-45)
Audio	Line-out, 2 x 2W 8Ω
LAN	2 x RJ-45
Display Interface	1 x HDMI
USB	2 x USB 3.0 (Optional Extra 2 x USB) 1 x USB Camera (Optional)
COM (Serial Port)	1 x RS-232/422/485 (Optional secondary RS-232)
Power Input	DC-in

### Mechanical & Environment

System Power Requirement	+12V ~ +26V Power Input
Power Adaptor	Input: 100 ~ 250Vdc/47 ~ 63Hz Output: +12Vdc/7A (84W)
Operating Temp.	0 ~ 40°C (32 ~ 104°F)
Storage Temp.	-10 ~ 50°C (14 ~ 122°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Exterior Color	Front & Rear Housing with white and Gray (Plastics)
Mounting	Wall/Stand/VESA 100mm x 100mm
Dimensions	21.34" x 15.04" x 2.48"
Weight	15.88 lbs

## Ordering Info

PPC-2128

21.5" Intel® Core™ i5-4300U Full HD Fanless Multi-functional Plastic Panel PC