



## CPC-2103

21.5" 6th Gen Intel® Core™ SoC i7/i5/i3 & Celeron® BGA Processor Fanless PCAP Touch Panel PC

- > Onboard 6th Gen. Intel® Core™ SoC i7/i5/i3 & Celeron® BGA Processor
- > 21.5" LCD 1920x1080 FHD Display with PCAP touch
- > 2 x 260-pin DDR4 2133 MHz SO-DIMM supports up to 32GB (Default: 1 x 4GB DDR4)
- > 1 x 2.5" Storage
- > 4 x USB 3.0, 2 x USB 2.0, 3 x COM
- > 1 x Intel® I211AT PCIe Gigabit Ethernet, 1 x Intel® I219LM Gigabit Ethernet PHY
- > Fanless System & VESA Compliance
- > 12V 7A 84W Adapter

### + Spec

System	
Processor	21.5" 6th Gen Intel® Core™ SoC i7/i5/i3 & Celeron® BGA Processor Fanless PCAP Touch Panel PC
System Memory	4GB DDR4 SO-DIMM
I/O Chip	EC iTE IT8528E
BIOS	AMI 128Mbit SPI BIOS
Watchdog Timer	H/W Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
TPM	Onboard Infineon SLB9665 TPM 2.0
SBC	EMX-SKLUP
Expansion	
Expansion	1 x M.2 Type B 3042/2242/2260/2280, 1 x M.2 Type A 1 x SD card slot Supports SD/ SDHC Card 1 x SIM card slot
Storage	
Storage	1 x 2.5" Storage
I/O	
USB	2 x USB 2.0 4 x USB 3.0
SATA	1 x SATA III
COM Port	2 x RS232 1 x RS232/422/485
Display	
Chipset	Intel® Skylake U SoC integrated Graphics
Resolution	DP: 4096 x 2160 @ 60Hz (1 x HDM/DP, 1 x DP++) HDMI: 3840 x 2160 @ 30Hz
Multiple Display	HDMI + HDM/DP
Audio	
Chipset	Realtek ALC892
Audio Interface	Mic-In, Line-Out
Speaker Output	2 x 3W
Ethernet	
Chipset	1 x Intel® I211AT PCIe Gigabit Ethernet 1 x Intel® I219LM Gigabit Ethernet PHY
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Mechanical & Environmental	
Power Type	ATX
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	9.48 kg
System Fan	Fanless
Construction - Front	Black Coverlens
Construction - Rear	White
Dimension	528 x 345 x 62 mm
Certifications	
Certification Information	CE FCC Class A
Software Support	
OS Information	Win7 Win10 Linux
Power Requirement	



<b>Power Connector</b>	DC Jack
<b>Power Requirement</b>	+12V
<b>Power Mode</b>	ATX
<b>Adapter</b>	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 84W Adapter (12V @ 7A)
<b>Panel</b>	
<b>LCD Size</b>	21.5", 16:9
<b>Display Type</b>	Full HD
<b>Resolution</b>	1920 x 1080
<b>Pixel pitch</b>	0.2482 (H) x 0.2482 (V)
<b>Luminance</b>	250nits
<b>Contrast ratio</b>	3000
<b>Viewing angle</b>	(H) 178, (V) 178
<b>Response time</b>	8ms
<b>Backlight</b>	LED
<b>Touch Type</b>	PCAP
<b>Touch Light Transmission</b>	90%
<b>Touch Controller</b>	USB touch
<b>Data Collection</b>	
<b>Camera</b>	1 x 1.0M Pixels Webcam

### + Ordering

CPC-2103-66U-A1R  
21.5" Panel PC with 6th Gen. Intel® Core™ i7-6600U Processor / 4GB DRAM / 84W Adapter

CPC-2103-63U-A1R  
21.5" Panel PC with 6th Gen. Intel® Core™ i5-6300U Processor / 4GB DRAM / 84W Adapter

CPC-2103-61U-A1R  
21.5" Panel PC with 6th Gen. Intel® Core™ i3-6100U Processor / 4GB DRAM / 84W Adapter

CPC-2103-55U-A1R  
21.5" Panel PC with Intel® Celeron® 3955U Processor / 4GB DRAM / 84W Adapter

