



## SPC-2133

21.5" Apollo Lake SoC Mobile Processor Fanless  
Stainless Steel Chassis Touch Panel PC with Full  
IP-65 & IP-X9K

- > Onboard Intel® Apollo Lake SoC with Integrated Chipset
- > One 204-pin DDR3L SODIMM Socket Supports Up to 8GB
- > 3 USB, 1 COM, 1 x LAN
- > Wide Voltage +12V ~ +26V Input, ErP Power
- > Backlight Controlled by PWM
- > Full System IP65 & IPX9K
- > Fanless Operation

### + Spec

System	
Processor	Onboard Intel® Apollo Lake Mobile Processor
System Chipset	Intel Apollo Lake SoC integrated
System Memory	1 x 204-pin DDR3L 1866MTs SO-DIMM
I/O Chip	EC ITE IT8528E
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec./1sec.step
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
SBC	EBM-APL
Expansion	
Expansion	1 x Mini PCIe
Storage	
Storage	1 x 2.5" Drive Bay
I/O	
USB	3 x USB 3.0
SATA	1 x SATA III
COM Port	1 x RS-232/422/485
Other	1 x WiFi
Display	
Chipset	Intel® Apollo Lake SoC integrated Graphics Supports dual display
Resolution	HDMI: Max. resolution 3840x2160 @ 30Hz LVDS: Max. resolution 1920x1080 @ 60Hz eDP: Max. resolution 4096x2160 @ 60Hz
Audio	
Chipset	Realtek ALC892
Audio Interface	Line-Out
Speaker Output	2 x 5W
Ethernet	
Chipset	2 x Intel® I211AT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Mechanical & Environmental	
Dimensions(W x L x D)	595 x 386 x 58mm
Power Requirement	+12V ~ +26V
Power Type	AT/ATX (ATX is default setting)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-10°C ~ 60°C (14°F ~ 140°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	2.84 Kgs
Mounting Kit	Wall / Stand / VESA 100mm x 100mm
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 A
Software Support	
OS Information	Win10 Linux
Power Requirement	



<b>Power Connector</b>	Lockable DC Jack
<b>Adapter</b>	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter
<b>Panel</b>	
<b>LCD Size</b>	21.5"
<b>Display Type</b>	WSXGA
<b>Resolution</b>	1920x1080
<b>Pixel pitch</b>	248.25um(H) x 248.25um(V)
<b>Luminance</b>	250 cd/m <sup>2</sup>
<b>Contrast ratio</b>	3000
<b>Viewing angle</b>	89 (U), 89 (D), 89 (L), 89 (R)
<b>Response time</b>	18 ms
<b>Backlight</b>	LED
<b>Touch Type</b>	Projective Capacitive
<b>Touch Light Transmission</b>	89%
<b>Touch Controller</b>	Onboard USB touch (EETI)

#### Ordering

SPC-2133-335-A1R  
21.5" Waterproof PCAP Stainless Panel PC with Intel® N3350 CPU

ACC-SPC-WIFI-3R  
802.11 ac/a/b/g/n/Antenna/Cable

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

ACC-ARM-D23R  
VESA STAND, 75mm & 100 mm