



## 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
- > Rich I/O 3 x USB, 1 x COM(DB9), 1 x LAN
- > Metal Waterproof Connectors
- > Wide Voltage +12V ~ +26V Input, ErP Power
- > Optional WiFi/ High brightness solution
- > Full System IP65 & IPX9K
- > Fanless Operation

### + Spec

#### -System Information-

<b>Processor</b>	Onboard Intel® Apollo Lake Mobile Processor
<b>Platform Controller Hub</b>	Intel Apollo Lake SoC integrated
<b>System Memory</b>	1 x 204-pin DDR3L 1600MTs SO-DIMM
<b>I/O Chipset</b>	EC ITE IT8528E
<b>Watchdog Timer</b>	H/W Reset, 1sec. ~ 65535sec./1sec.step
<b>H/W Status Monitor</b>	Monitoring System Temperature and Voltage with Auto Throttling Control
<b>SBC</b>	EBM-APL

#### Expansion

<b>Expansion</b>	1 x Mini PCIe
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#### Storage

<b>Storage</b>	1 x 2.5" Drive Bay
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#### Panel

<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)

#### I/O

<b>USB Port</b>	3 x Waterproof USB 3.0
<b>COM Port</b>	1 x Waterproof COM(DB9, RS-232/422/485)
<b>SATA</b>	1 x SATA III
<b>Other</b>	1 x WiFi (Optional)

#### Display

<b>Graphic Chipset</b>	Intel® Apollo Lake SoC integrated Graphics Supports dual display
<b>Spec. &amp; Resolution</b>	HDMI: Max. resolution 3840x2160 @ 30Hz LVDS: Max. resolution 1920x1080 @ 60Hz eDP: Max. resolution 4096x2160 @ 60Hz

#### Audio

<b>Audio Codec</b>	Realtek ALC888S
<b>Audio Interface</b>	Line-Out
<b>Speaker Output</b>	2 x 5W

#### Certifications

<b>Certification Information</b>	CE FCC Class A
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#### Ethernet

<b>LAN Chipset</b>	2 x Intel® I211AT
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
<b>LAN Port</b>	2 x Waterproof RJ-45

#### Power Requirement

<b>DC Input Connector</b>	Lockable Waterproof DC Jack
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<b>Adapter</b>	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter
<b>Mechanical &amp; Environmental</b>	
<b>Operating Temperature</b>	0°C ~ 40°C (32°F ~ 104°F)
<b>Storage Temperature</b>	-10°C ~ 60°C (14°F ~ 140°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Weight</b>	9 Kgs
<b>Vibration Test</b>	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
<b>Shock Test</b>	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
<b>Mounting Kit</b>	Wall / Stand / VESA 100mm x 100mm
<b>Dimensions(W x L x D)</b>	595 x 386 x 58mm
<b>Power Requirement</b>	+12V ~ +26V
<b>Power Mode</b>	AT/ATX (ATX is default setting)
<b>System Fan</b>	Fanless
<b>Construction - Front</b>	Stainless Steel
<b>Construction - Rear</b>	Stainless Steel
<b>Software Support</b>	
<b>OS Information</b>	Win10 Linux
<b>Ordering Information</b>	
<b>Ordering Information</b>	SPC-2133-335-A2R 21.5" 1920 x 1080 Full IP-65 Stainless Steel Panel PC w/PCAP Touch/IP-69K Intel Celeron N3350 (F1-CPU)/4GR/32GSSD/LAN/3USB/COM(DB9)/Speakers  ACC-ARM-D1R VESA STAND, 75mm & 100 mm  ACC-ARM-D23R VESA STAND, 75mm & 100 mm  ACC-SPC-WIFI-1R Wifi Kits for SPC-15/17/22 802.11b/g/n MPCle/2Antenna/Cable  E1702031833R USA Power Cord E1702031000R EU Power Cord E1702031834R Japan Power Cord E1702031830R UK Power Cord E1702031831R Australia Power Cord