



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

Processor	Onboard Intel® Apollo Lake Mobile Processor
Platform Controller Hub	Intel Apollo Lake SoC integrated
System Memory	1 x 204-pin DDR3L 1600MTs SO-DIMM
I/O Chipset	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
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Storage

Storage	1 x 2.5" Drive Bay
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Panel

LCD Size	21.5"
Display Type	WSXGA
Resolution	1920x1080
Pixel pitch	248.25um(H) x 248.25um(V)
Luminance	250 cd/m ²
Contrast ratio	3000
Viewing angle	89 (U), 89 (D), 89 (L), 89 (R)
Response time	18 ms
Backlight	LED
Touch Type	Projective Capacitive
Touch Light Transmission	89%
Touch Controller	Onboard USB touch (EETI)

I/O

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

Display

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

Audio

Audio Codec	Realtek ALC888S
Audio Interface	Line-Out
Speaker Output	2 x 5W

Certifications

Certification Information	CE FCC Class A
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Ethernet

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

Power Requirement

DC Input Connector	Lockable Waterproof DC Jack
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Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter
Mechanical & Environmental	
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	9 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
Mounting Kit	Wall / Stand / VESA 100mm x 100mm
Dimensions(W x L x D)	595 x 386 x 58mm
Power Requirement	+12V ~ +26V
Power Mode	AT/ATX (ATX is default setting)
System Fan	Fanless
Construction - Front	Stainless Steel
Construction - Rear	Stainless Steel
Software Support	
OS Information	Win10 Linux