



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-

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|--------------------------------|--|
| 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

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| Expansion | 1 x Mini PCIe |
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Storage

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| Storage | 1 x 2.5" Drive Bay |
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Panel

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|---------------------------------|--------------------------------|
| 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

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|-----------------|---|
| 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

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| 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

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

Certifications

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| Certification Information | CE FCC Class A |
|----------------------------------|-------------------|

Ethernet

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

Power Requirement

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|---------------------------|-----------------------------|
| DC Input Connector | Lockable Waterproof DC Jack |
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|---------------------------|-----------------------------|
| 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 |
| Ordering Information | |
| Ordering Information | <p>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</p> <p>ACC-ARM-D1R VESA STAND, 75mm & 100 mm</p> <p>ACC-ARM-D23R VESA STAND, 75mm & 100 mm</p> <p>ACC-SPC-WIFI-1R Wifi Kits for SPC-15/17/22 802.11b/g/n MPCle/2Antenna/Cable</p> <p>E1702031833R USA Power Cord</p> <p>E1702031000R EU Power Cord</p> <p>E1702031834R Japan Power Cord</p> <p>E1702031830R UK Power Cord</p> <p>E1702031831R Australia Power Cord</p> |