



EPC-APL

Intel® Apollo Lake Fanless Compact System

- > Intel® Apollo Lake Processor
- > Single DRAM Socket, Max. Up to 8GB DDR3L 1866MHz
- > Rich I/O, 1-VGA, 1-COM, 2-HDMI, 2-LAN, 4-USB3.0, 2-Antenna Mounting
- > Fanless Operating from -10°C ~ 50°C
- > Wide Range DC Power Input from 12V ~ 26V
- > Compact Size, 177mm x 123mm x 43.5mm
- > Optional VESA / DIN-Rail Kit
- > TPM 2.0

+ Spec

| -System Information- | |
|----------------------------------|---|
| Processor | Intel® Pentium® Processor N4200 (2M Cache, up to 2.5 GHz) Intel® Celeron® Processor N3350 (2M Cache, up to 2.4 GHz) Intel® Celeron® Processor J3455 (2M Cache, up to 2.3 GHz) |
| System Memory | 1 x 204-pin SO-DIMM Socket, Max, Up to 8GB DDR3L 1866MHz |
| BIOS Information | AMI BIOS, 128Mbit SPI Flash ROM |
| Watchdog Timer | H/W Reset, 1sec. ~ 65535sec and 1sec. or 1min./step |
| H/W Status Monitor | Monitoring CPU Temperature, Voltage with Auto Throttling Control |
| SBC | ECM-APL2 |
| Expansion | |
| Expansion | 1 x Full size mini PCIe (SATA/PCIE/USB2.0) 1 x Half size mini PCIe (PCIE/USB2.0) |
| Storage | |
| Storage | 1 x 2.5" Drive Bay (7mm) 1 x mSATA |
| I/O | |
| USB Port | 4 x USB 3.0 |
| COM Port | 1 x RS-232/422/485(Jumper&BIOS) |
| Antenna | 2 x Antenna Mounting with Dust Cover |
| System Control | |
| LED Indicator | 1 x Power on/off LED on front side 1 x Storage Access LED on front side |
| Display | |
| Graphic Chipset | Intel® HD Graphics 500 (N3350/J3455) Intel® HD Graphics 505 (N4200) |
| Spec. & Resolution | 1 x VGA: Max. Resolution 1920 x 1200@60Hz 2 x HDMI 1.4b: Max. Resolution 3840x2160@30Hz (HDMI 1.4b) |
| Multiple Display | Triple Display |
| Audio | |
| Audio Codec | Realtek ALC888S |
| Certifications | |
| Certification Information | CE, FCC Class B, UKCA |
| Ethernet | |
| LAN Chipset | 2 x Intel® I210AT |
| Ethernet Interface | 10/100/1000 Base-Tx Gigabit Ethernet Compatible |
| LAN Port | 2 x RJ45 |
| Power Requirement | |
| DC Input | Typical 12/24 Vdc |
| DC Input Connector | Lockable DC Jack |
| ACPI | Single Power ATX Support S0, S3, S4, S5 ACPI 5.0 Compliant |
| Power Mode | AT/ATX (ATX is default setting) |
| Adapter | Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 12V/5A AC-DC 60W Adapter |
| Mechanical & Environmental | |
| Operating Temperature | With extended temperature peripherals:-10°C ~ 50°C (14°F ~ 122°F) with 0.2m/s air flow With 2.5" hard drive: 0°C ~ 40°C (32°F ~ 113°F) with 0.2m/s air flow |
| Storage Temperature | -30~70C° (-22°F ~ 158°F) |
| Operating Humidity | 40°C @ 95% Relative Humidity, Non-condensing |
| Dimension (W x L x H) | 177mm x 123mm x 43.5 mm (7" x 4.8" x 1.7") |



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| Weight | 2.65lbs(1.2KG) |
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| Vibration Test | With SSD: 5Grms, IEC 60068-2-64, Random, 10 ~ 500Hz, 30min/Axis, 3 Axis |
| Shock Test | With SDD : 50G, IEC 60068-2-27, Half Sine, 11ms, Z Axis |
| Mounting Kit | Stand (Default) VESA Mount kit (Factory Option) Din Rail kit (Factory Option) |
| Drop | ISTA 2A, IEC-60068-2-32 Test : Ed, 1 Corner, 3 Edges, 6 Faces |
| Construction | Aluminum + Metal |
| Software Support | |
| OS Information | Win 10, Linux |
| Ordering Information | |
| Ordering Information | <p>EPC-APL-42-C2-1R Intel® Pentium® Processor N4200 Fanless Tiny System</p> <p>EPC-APL-33-C2-1R Intel® Celeron® Processor N3350 Fanless Tiny System</p> <p>EPC-APL-34-C2-1R Intel® Celeron® Processor J3455 Fanless Tiny System</p> <p>E1702031831R Australia Power Cord</p> <p>E1702031834R Japan Power Cord</p> <p>E1702031833R USA Power Cord</p> <p>E170P060380R UK Power Cord</p> <p>E1702031000R EU Power Cord</p> |