



EPC-APL

Intel® Pentium®/ Celeron® Processor Fanless Tiny System

- > Intel® Pentium®/ Celeron® Processor
- > One 204-pin SODIMM Socket Up to 8GB DDR3L 1866MHz SDRAM
- > 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 (Factory Option)

+ Spec

System	
Processor	Intel® Pentium® Processor N4200 (2M Cache, up to 2.5 GHz) Intel® Celeron® Processor N3350 (2M Cache, up to 2.4 GHz)
System Memory	1 x 204-pin SODIMM Socket Up to 8GB DDR3L 1866MHz SDRAM
BIOS	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 (mSATA) 1 x Half Size Mini PCIe
Storage	
Solid State Drive	1 x 2.5" Drive Bay (7mm) 1 x mSATA
I/O	
USB	4 x USB 3.0
COM Port	1 x RS-232/422/485(Jumper)
Antenna	2 x Antenna Mounting with Dust Cover
Display	
Chipset	Processor Graphics Intel® HD Graphics 500 (N3350) Intel® HD Graphics 505 (N4200)
Resolution	1 x VGA : Max. Resolution 1920 x 1200 @ 60Hz 2 x HDMI : Max. Resolution 3840x2160@30Hz (HDMI 1.4b)
Multiple Display	Triple Display
Audio	
Chipset	Realtek ALC892
Ethernet	
Chipset	2 x Intel® I211AT
Ethernet Interface	10/100/1000 Base-Tx Gigabit Ethernet Compatible
LAN Port	2 x RJ45
Mechanical & Environmental	
Power Requirement	Power Input: Typical 12/24 Vdc (+12~ 26V)
ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI 5.0 Compliant
Power Type	AT/ATX (ATX is default setting)
Operating Temp	With extended temperature peripherals: -10°C ~ 50°C (14°F ~ 122°F) with 1m/air flow With 2.5" hard drive: 0°C ~ 45°C (32°F ~ 113°F) with 1m/s air flow
Storage Temp	-40°C ~ 75°C (-40°F ~ 167°F)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Weight	2.65lbs(1.2KG)
Construction	Aluminum + Metal
Mounting Kit	Stand (Default) VESA Mount kit (Factory Option) Din Rail kit (Factory Option)
Dimension (L x W x H)	177mm x 123mm x 43.5 mm (7" x 4.8" x 1.7")
Vibration Protection	With extended temperature peripherals: -10°C ~ 50°C (14°F ~ 122°F) with 1m/air flow With 2.5" hard drive: 0°C ~ 45°C (32°F ~ 113°F) with 1m/s air flow
Shock Protection	With SDD : 50G, IEC 60068-2-27, Half Sine, 11ms, 3 Axis, 6 Faces With HDD : 10G, IEC 60068-2-27, Half Sine, 11ms, 3 Axis, 6 Faces
Drop	ISTA 2A, IEC-60068-2-32 Test : Ed
Certifications	



Certification Information	CE, FCC Class B
Software Support	
OS Information	Win 10, Linux
Power Requirement	
Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 12V/5A AC-DC 60W Adapter
System Control	
LED Indicator	1 x Power on/off LED on front side 1 x Storage Access LED on front side

+ Ordering

EPC-APL-42-A1-1R
Intel® Pentium® Processor N4200 Fanless Tiny System

EPC-APL-33-A1-1R
Intel® Celeron® Processor N3350 Fanless Tiny System

