

## Features

- 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 Antennal 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)



## Specifications

System	
CPU	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.
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
Expansion	1 x Full Size Mini PCIe (mSATA) and 1 x Half Size Mini PCIe
Storage	1 x 2.5" Drive Bay (7mm) and 1 x mSATA
Supported OS	Win 10, Linux
External I/O	
USB	4 x USB 3.0
LAN	2 x RJ-45
COM	1 x RS-232/422/485(Jumper)
Display	2 x HDMI and 1 x VGA
Antenna	2 x Antenna Mounting with Dust Cover
LED Indicator	1 x Power on/off LED on front side 1 x Storage Access LED on front side
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)
Display Output	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 & Environment

Power Requirement	Power Input: Typical 12/24 Vdc ( +12~ 26V )
Power Type	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 12V/5A AC-DC 60W Adapter
ACPI	Single Power ATX Support S0, S3, S4, S5. ACPI 5.0 Compliant
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 ~ 40°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
Construction	Aluminum + Metal
Mounting Kit	Stand (Default) VESA Mount kit (Factory Option) Din Rail kit (Factory Option)
Vibration Test	With SSD: 5Grms, IEC 60068-2-64, Random, 10 ~ 500Hz, 30min/3 Axis
Shock Test	With SDD : 50G, IEC 60068-2-27, Half Sine, 11ms, 3 Axis, 6 Faces
Drop	ISTA 2A, IEC-60068-2-32 Test : Ed
Dimensions	7" x 4.8" x 2.0" (177mm x 123mm x 50mm)
Certification Information	CE, FCC Class B, UL
Weight	2.65lbs(1.2KG)

## Ordering Info

EPC-APL-4200N	Intel® Pentium® Processor N4200 Fanless Tiny System
EPC-APL-3350N	Intel® Celeron® Processor N3350 Fanless Tiny System

\* All product specifications and images are subject to change without notice. Last update: 04/04/2018