

EPC-APL

Intel® Apollo Lake Fanless Compact System



Specification

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
TPM	TPM 2.0
SBC	ECM-APL2
Expansion	
mPCIe	1 x Full size mini PCIe (SATA/PCIE/USB2.0) 1 x Half size mini PCIe (PCIE/USB2.0)
Storage	
2.5" Drive Bay	1 x 2.5" Drive Bay (7mm)
mSATA	1 x mSATA
Front I/O	
Power Button	1 x Power Button
LED Indicator	1 x LED for Storage Access
Rear I/O	
USB Port	4 x USB 3.0
COM Port	1 x RS-232/422/485(Jumper&BIOS)
HDMI	2 x HDMI 1.4b
VGA	1 x VGA
LAN Port	2 x RJ45
LED Indicator	2 x LED for Power On/Off & Storage Access
Antenna	2 x Antenna Mounting with Dust Cover

AC/DC Input	1 x Lockable DC Jack
Display	
Graphic Chipset	Intel® HD Graphics 500 (N3350/J3455) Intel® HD Graphics 505 (N4200)
Resolution	1 x VGA: Max. Resolution 1920 x 1200@60Hz 2 x HDMI 1.4b: Max. Resolution 3840x2160@30Hz (HDMI 1.4b)
Audio	
Audio Codec	Realtek ALC888S
Ethernet	
LAN Chipset	2 x Intel® I210AT
Specification	10/100/1000 Base-Tx Gigabit Ethernet Compatible
Power Requirement	
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 & Environment	
Operating Temp.	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 Temp.	-30~70C° (-22°F ~ 158°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Dimension (W*L*H)	177mm x 123mm x 43.5 mm (7" x 4.8" x 1.7")
Weight	2.65lbs(1.2KG)
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
Drop Test	ISTA 2A, IEC-60068-2-32 Test : Ed, 1 Corner, 3 Edges, 6 Faces
Mounting Kit	Stand (Default) VESA Mount kit (Factory Option) Din Rail kit (Factory Option)
Software Support	
OS Information	Win 10, Linux
Certification	
Certification Information	CE, FCC Class B, UKCA