



EPX-APLP

Intel® Celeron® & Pentium® Processor Pico ITX Motherboard

- > Intel® Celeron® N3350/ J3455 /Pentium® N4200 Processor (2M Cache, up to 2.40/2.30/2.50 GHz)
- > 1 x 204-pin DDR3L 1600MHz SO-DIMM supports up to 8GB
- > DP++, HDMI, Dual channel 18/24-bits LVDS
- > 2 x Intel® i211AT Gigabit Ethernet
- > Realtek ALC662 Audio Codec
- > Realtek ALC105 Stereo Class-D 3W x2 Audio Amplifier
- > 1 x M.2 (2242/2262/3042) B-Key, 1 x M.2 (2230) A-Key support Wifi module
- > 1 x SATA III, 1 x SATA Power, 4 x USB 2.0, 2 x USB 3.0
- > 1 x RS232, 8-bit GPIO
- > DC in +12V

Spec

System	
Processor	Intel® Celeron® N3350/ J3455 / Pentium® N4200 (2M Cache, up to 2.40/2.30/2.50 GHz)
System Memory	1 x 204-pin DDR3L 1600MHz SO-DIMM supports up to 8GB
I/O Chip	EC ITE IT8528
BIOS	AMI 128Mbit SPI BIOS
Watchdog Timer	H/W Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
HW Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
Expansion	
Expansion	1 x M.2 (2242/2260/3042) B-Key, 1 x M.2 (2230) A-Key, supports Wifi module, (*Micro SIM card to SIM card adapter by optional)
I/O	
USB	4 x USB 2.0 2 x USB 3.0
SATA	1 x SATA Power 1 x SATA III
COM Port	1 x RS232
DIO	1 x 8-bit GPIO
Display	
Chipset	Intel® Atom™/ Celeron® SoC integrated Graphics
Resolution	DP++: 4096 x 2160 @ 60Hz HDMI: 3840 x 2160 @ 30Hz, 2560 x 1600 @ 30Hz LVDS: 1920 x 1080 @ 60Hz
LVDS	2CH 18/24bits LVDS 1920 x 1080 Chrontel. CH7511B eDP to LVDS Converter
Audio	
Chipset	Realtek ALC662 supports 2-CH
Audio Amplifier	2 x Stereo Class-D 3W Audio Amplifier
Ethernet	
Chipset	2 x Intel I211AT Gigabit Ethernet
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ45
Mechanical & Environmental	
Power Requirement	+12V
Power Type	AT/ATX
Operating Temperature	-5 ~ 60°C (23 ~ 140°F)
Storage Temperature	-40 ~ 75°C (-40 ~ 167°F)
Operating Humidity	0 ~ 90% Relative Humidity, Non-condensing
Dimension (L x W)	3.94" x 2.83" (100mm x 72mm)
Weight	0.66lbs (0.3Kgs)

Ordering

EPX-APLP-4200-A1R
 EPX-APLP-3455-A1R
 EPX-APLP-3350-A1R
 Intel® Pentium® N4200 / Celeron® J3455/N3350 Processor Pico ITX Motherboard

Assured Systems

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