



ECS-APCL

Intel® Celeron® J3455 Processor Pico-ITX Fanless Box PC

- > 1 x 204-pin DDR3L 1600/1333MHz SO-DIMM socket, supports up to 8GB, 4GB installed as default.
- > 2 x USB 3.0, 2 x USB 2.0
- > 1 x DP++, 1 x HDMI (Dual Display)
- > 1 x M.2 Type B 3042/2242/2260 supports SSD, 64GB installed as default.
- > 1 x M.2 Type A 2230 supports WiFi module
- > 2 x Intel i211AT Gigabit Ethernet
- > 2 x SMA connector (optional)
- > 60W Adapter (DC in 12V@5A)

+ Spec

System Information

Processor	Intel® Celeron® J3455 Processor
System Memory	1 x 204-pin DDR3L 1600MHz SO-DIMM, supports up to 8 GB, 4GB installed as default.
Watchdog Timer	H/W Reset, 1sec. ~ 65535min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
SBC	EPX-APLP

Expansion

Expansion	1 x M.2 Type A 2230 supports WiFi module
------------------	--

Storage

Storage	1 x M.2 Type B 3042/2242/2260 supports SSD, 64GB installed as default.
----------------	--

I/O

USB Port	2 x USB 3.0 2 x USB 2.0
COM Port	1 x RS-232
Other	1 x Power on/off Button w/ LED 2 x SMA Connector (Optional)

Display

Graphic Chipset	Intel® Celeron® SoC Integrated Graphics
Spec. & Resolution	DP++: 4096 x 2160 @ 60Hz HDMI: 3840 x 2160 @ 30Hz, 2560 x 1600 @ 30Hz
Multiple Display	Dual Display

Audio

Audio Codec	Realtek ALC897
Audio Interface	Line-Out

Ethernet

LAN Chipset	2 x Intel i211AT GbE controller
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ45

Power Requirement

DC Input	+12V
DC Input Connector	DC Jack (lockable)
Power Mode	ATX
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A)

Mechanical & Environmental

Operating Temperature	-10°C ~ 50°C (32°F ~ 122°F) (w/SSD), ambient w/0.5 m/s air flow -10°C ~ 40°C (32°F ~ 104°F) (w/SSD), ambient w/0.2 m/s air flow
Storage Temperature	-20°C ~ 75°C (-4°F ~ 167°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Dimension (W x L x H)	120.6 x 95.2 x 49.8 mm
Weight	1Kg
Mounting Kit	L-bracket (Optional)
Construction	Aluminum + Metal

Software Support

OS Information	Win 10, Linux
-----------------------	---------------

Ordering Information

Ordering Information	ECS-APCL (ECS-APCL-3455-B1R) Intel® Celeron® J3455 Processor Pico-ITX Fanless Box PC
-----------------------------	---