



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

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660