

# AES-APL1E2FL

Fanless Embedded System for Network Control, Intel Apollo Lake N4200, PoE+



## Features

- Intel® Apollo Lake N4200, Pentium 4-core @2.5GHz SoC
- Support DDR3L-1866 Memory
- 1 x SSD Bay (SATA III)
- 2 x GbE Copper
- 12V DC-IN or PoE+ (PD mode, 802.3at compliant)
- Fanless design



CE FCC

## Specification

### System

CPU	Intel® Apollo Lake N4200, Pentium 4-core @2.5GHz SoC
Memory	1 x DDR3L-1866 SO-DIMM

### Video

Graphic Controller	Intel® HD Graphics 505
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### Storage

HDD Bay	1 x 2.5" SATA III HDD Bay
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### I/O

Ethernet	2 x GbE Copper (RJ45), Intel i211-AT chipset
LAN Bypass	N/A
PoE port	1 x PoE+(PD mode, 802.3at compliant) via LAN 1
Console Port	1 x Serial Console (RJ45)
USB	1 X USB 3.0

### Others

WatchDog Timer	1~255 sec. software programmable(0=Disable)
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## Power Requirement

Power Input	12V DC-IN or PoE+ (PD mode, 802.3at compliant)
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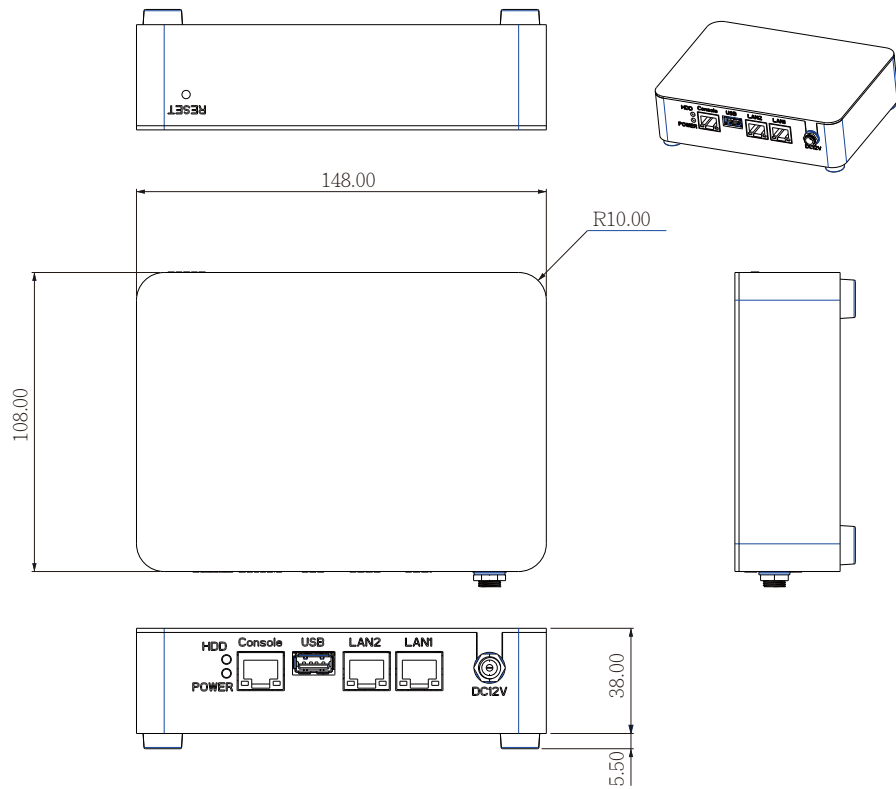
## Software

OS Support	Linux Kernel to 4.4 or above, (64-bit)
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## Mechanical & Environment

Thermal Design	Fanless
Dimension	148(W) x 38(H) x 108(D)mm (5.83" x 1.49" x 4.26")
Operating Temp.	0~40°C
Storage temp.	-40~80°C (-40~176°F)
Relative Humidity	0~90%, non-condensing
Safety	CE, FCC class A
Weight	TBD

## Dimensions



## I/O Connectors



AES-APL1E2FL

## Packing List

- 1 x AES-APL1E2FL Screw pack(2.5"HDD bracket: 8 pcs)
- 1 x User Guide CD with driver
- 1 x Screw pack(2.5"HDD bracket: 8 pcs)

## Ordering Information

AES-APL1E2FL	Fanless Embedded System for Network Control Intel® Apollo Lake N4200 4-core SoC 12V DC-IN or PoE+ (PD mode, 802.3at)
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