

Pana Computer Module

Jupiter Systems



Jupiter's powerful computing module for Pana X displays — **Jupiter Proprietary Computer Module (JPCM)**

Features

- Intel I7 Intel® Core™ Desktop Processor
- 5K120Hz outputs
- 21:9 5K Display Support
- JAE 80pin supports 5K@120Hz
- Nvidia RTX3050 8GB GPU
- WiFi 6, 2 USB-C 3.0, 2 USB-A 3.0

Specifications

General

CPU

Intel I7-12700 12th Gen Intel® Core™ Desktop Processor
Total 12 Cores; Total 20 Threads
Max Turbo Frequency 4.9GHz

Security

TPM 2.0 chip

RAM

16GB DDR4
Dual SODIMM DDR4, 3200MHz

SSD

256 GB M.2 2280 NVMe PCIe 4 SSD

GPU

Nvidia GeForce RTX 3050
8GB GDDR6

OS Support

Windows 10 Pro

Inputs, Outputs, Indicators and Buttons

HDMI-OUT

1 5K120Hz HDMI 2.1 DSC mode

HDMI IN

1 4K30Hz HDMI 1.4

Back Panel 80 Pin

5K120Hz DP 1.4 DSC mode

USB Type-C

2 5K120Hz DP1.4 DSC mode
Each port supports PD 100W

External Antenna

2 x 5 dB omni-directional antennas

WiFi

2.4/5 GHz 2 x 2 WiFi 6E 802.11ax
Model AX210

Bluetooth

Bluetooth 5.2

Earphone/Audio Out

3.5 mm analog

USB 3.0 Type-A

2 (Blue) 5V 1A

USB 2.0 Type-A

1 (Black) 5V 0.5A

LAN

RJ45, 10/100/1000Mbps

Power Button

Power (lit) and standby (unlit)

Indicator/Standby

button/indicator



Power

Max Power Consumption

180W

Standby Power

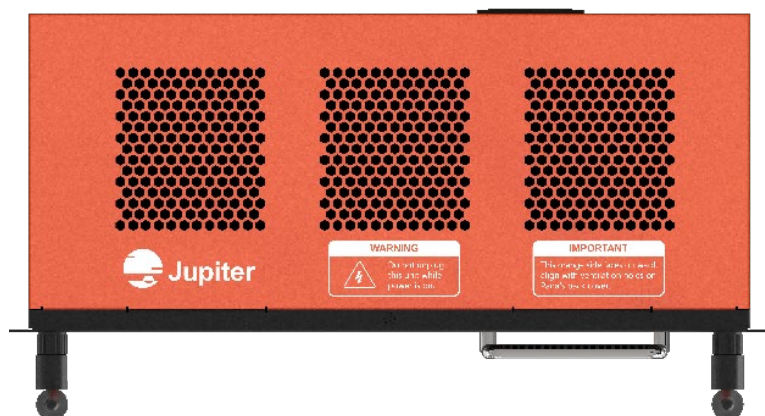
1.3W

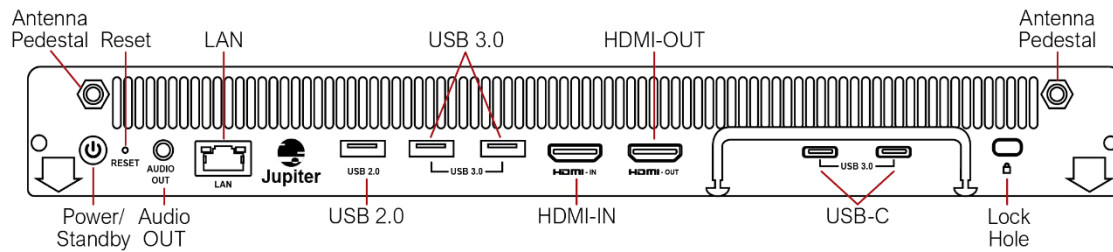
Voltage

19V DC Input Max 10A (via 80 pin)

Battery

CR2032 XP X,3V Lithium Ion



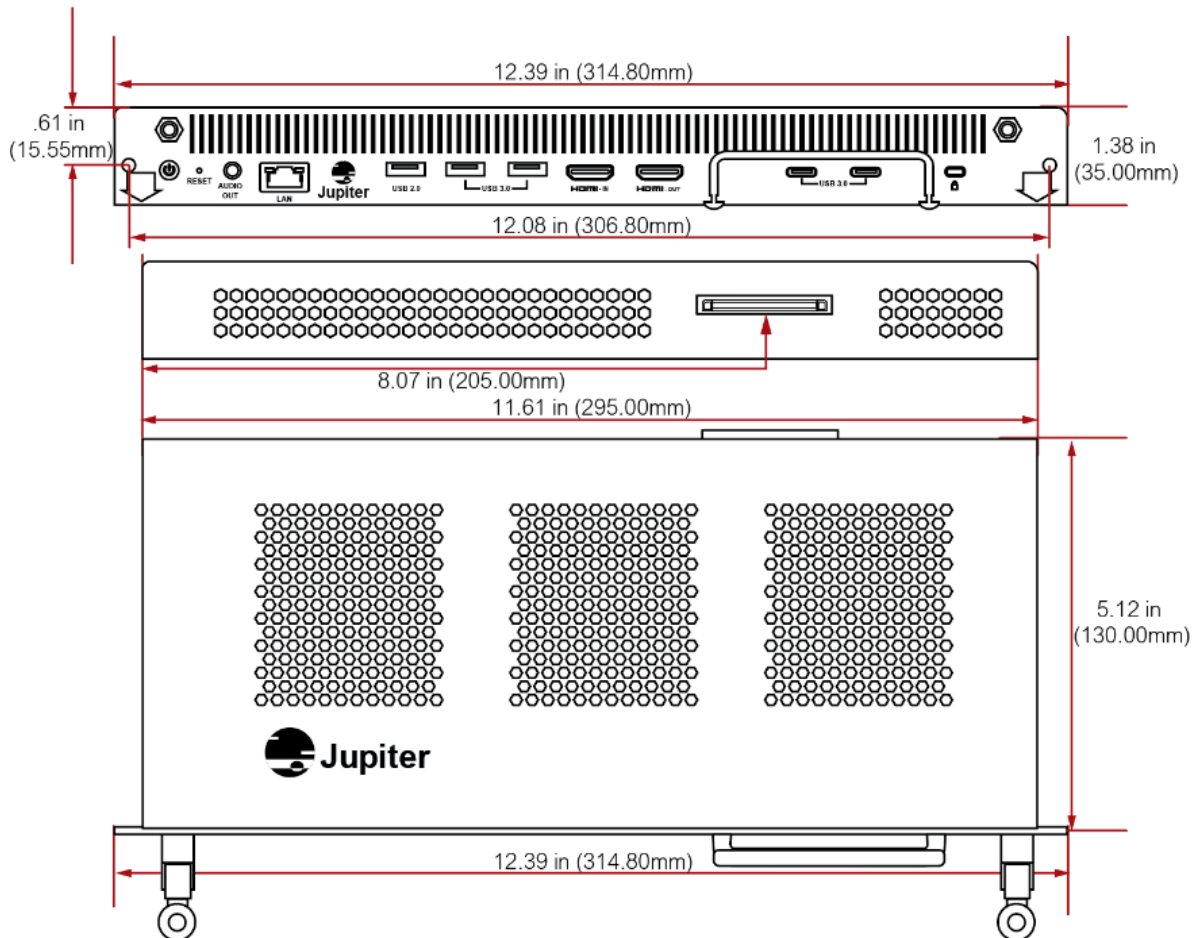


Physical Properties

Color	Orange and black
Dimension L x W x H	5.12 x 12.39 x 1.38 in (130.0 x 314.8 x 35.0 mm)
Net Weight	3.75 lbs (1.7kg)
Handle	1
Lock Hole	1, For use with cable lock

Environmental

Operating Temperature	32° – 104° F (0° – 40° C)
Operating Humidity	10% – 90% Non-condensing
Storage Temperature	14° – 149° F (-10° – 65° C)
Storage Humidity	10 – 90% Non-condensing
Noise Level	Normal Usage: <30.4db



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