

PPC-6712



Slim Fanless Design with Intel Celeron J1900 Processor

Built-in Standard 802.3at Power over Ethernet (PoE+)

Intel Gigabit Ethernet ports

11.6" high brightness touch screen at 1366x 768 resolution

Front Facing 1.3 Megapixel Camera, Bezel Mounted Stereo Speakers

Serial ports and GPIO expansion option

VGA or HDMI dual independent display

The Fanless Intel Celeron Panel PC with 11.6” Touch Screen, Built-in Power over Ethernet (PoE+) and Dual Gigabit Ethernet Panel PC, the PPC-6712POE is equipped with the efficient Intel Celeron Processor J1900 (2M Cache, up to 2.42 GHz) . The 11.6 inch widescreen (16:9) carries a 1.3 megapixel camera located on top of the monitor and its slim design with VESA mounts allow for flexible installation in compact environments. Providing high I/O flexibility, the bottom panel includes 1 VGA, RJ45/POE, 1 USB 3.0, 2 USB 2.0, 1 Audio out, and 1 DC Jack. Unique for its serial connector on the bottom panel, the PPC-6712POE allows for home automation control and automatic control of peripheral devices suitable for applications from home theaters to digital signage from it’s Power-over-Ethernet port. The PPC-6712POE supports Windows 7/Embedded/POS and Linux operating systems and can be further customized for OEM orders. Market Segments: Digital Signage Solutions Retail (POS & Mobility & Digital Signage) Sample Application locations: Indoor Industrial

Temperature Environment

Specifications

Panel PC Type:

Enclosed DDG

Processor

Intel Celeron J1900

Clock Speed:

2.42 GHz

Real Time Clock:

Memory

RAM type:

2x DDR3L SODIMM Modules 1333

BIOS/ Bootloader:

AMI EFI

Primary Flash:

1x 2.5 Inch SATA HDD & 1x mSATA

Secondary Flash:

1x half size mSATA

Primary I/O

GPIO:

8x GPIO

Video Out:

VGA and HDMI

Audio:

1x Audio Line out

Ethernet:

1x GbE Intel I211 1x GbE via POE module

USB:

1x USB3.0

2x USB2.0 header

Serial Ports:

1x RS-232/422/485 internal header (non-POE version)

Watchdog:

Secondary I/O

LE I/O:

Keypad:

PS/2:

Touch:

4-wire Resistive

Expansion

Bus:

1x half-size mini-PCIe + USB/mSATA

1x full size mini-PCIe x1 slot for USB or mSATA only

Analog

AD:

D/A:

Dimensions

11.25 × 7.25 × 2.5 in

Power Requirements

12 V

Power Misc.:

RJ45, 802.3at Power over Ethernet (PoE+)

12V DC 2.5mm power jack

Environmental

Low Operating Temperature:

High Operating Temperature:

60 C

Upper Operating Humidity:

95%

Pricing

Disk interface:

SATA

Source URL: <https://www.emacinc.com/content/ppc-6712>