OPS-PCAF Option Slot PC For NEC Displays

Integrated PC For Commercial Display Applications

Technovare
SYSTEMS, INC.

Applications

- **Digital Signage**
- **QSR**
- **Display Walls**
- **Large Venue/Stadiums**
- **Education**
- **Medical**
- **IPTV/Hospitality**

Features

- AMD Fusion CPU with integrated HD 6310 GPU
- Support for Windows Standard Embedded 7 or Linux
- High definition 1080P video playback: MPEG/2, H.264, or WM9
- Dual video outputs (DVI internal, DPORT external)
- Stereo audio outputs
- RS232 for display control
- 4 USB ports
- Gigabit Ethernet
- All metal chassis
- OPS option slot form factor

General Description

The OPS-PCAF is a full-featured High Definition PC based upon AMD's Fusion Chipset and targeted for use with NEC Displays. Targeted for Commercial applications such as Digital Signage, the OPS-PCAF has been optimized for reliable 1080P video playback. With support for Windows OS the OPS-PCAF has the flexibility to run most third part software and custom applications.

The OPS-PCAF supports true 1080P video with hardware assisted support for formats such as MPEG2, H.264, and WM9. The OPS-PCAF was designed with display integration in mind and features dual video outputs with DVI for internal display support and DPORT for external display support. The unit also includes integrated Display Control via internal RS232 connection.

The OPS-PCAF's all metal chassis and small form factor make it ideal for commercial applications requiring a powerful yet small PC that can be integrated within the display itself.

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Technical Specification

OS Options
Windows Standard Embedded 7
Linux

Performance

CPU	1.6 GHz AMD Fusion Dual Core (T56N)
GPU	Integrated HD 6310
RAM	2 GB DDR3
Hard Drive	160 GB SATA

Video Output

DVI	internal connector
DPORT	external connector

Audio Output

Stereo	internal connector
DPORT	external connector

Network Connections

LAN	Gigabit Ethernet

Control I/O

USB2.0	x4
RS232	internal connector

Power

Input Voltage	16 VDC
Power Dissipation	35 Watts

Environmental

Operating Temperature	0° to 40° C
Operating Humidity	80% maximum relative humidity, non-condensing

General

Dimensions	180 mm W x 118 mm D X 30 mm H
Unit Weight	2.5 lb

Certifications
FCC, Section 15
CE

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help

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