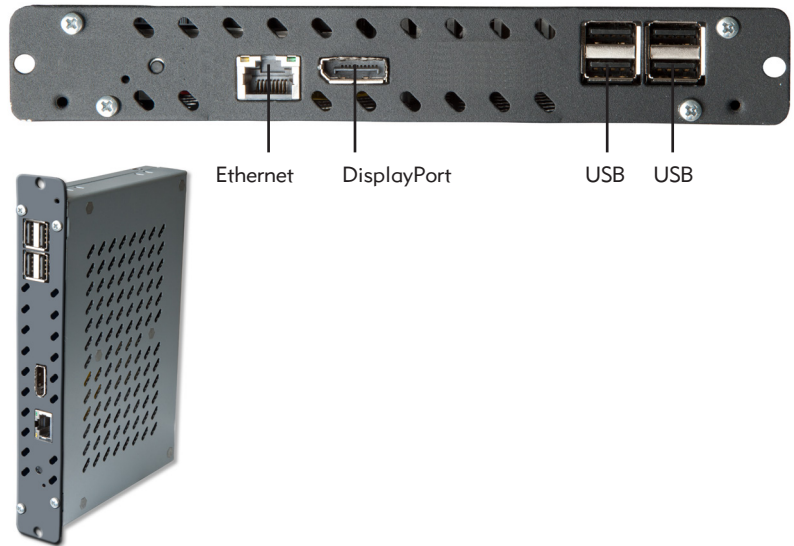


# OPS-PCAF-WH/WS/H/S

Single Board Computers with AMD processor  
for NEC Large-Screen LCD Displays

## Enjoy seamless integration within your NEC display.

The Open Pluggable Specification (OPS) is the industry's first standardized input, which increases flexibility for users of any digital signage application. These OPS single board computers feature a 1.6 GHz AMD Dual Core Fusion CPU and were designed with display integration in mind. Used with select NEC displays' expansion slots, this solution eliminates the need for an external PC, cabling, mounting and power supply. Featuring dual video outputs with DVI for internal display support and DisplayPort for external display support, the units also include integrated Display Control via an internal RS-232 connection. This module has been optimized for reliable 1080p video playback and, with support for Windows OS, has the flexibility to run most third-party software and custom applications. These benefits make NEC's OPS single board computer ideal for markets such as digital signage, quick-service restaurants, education, medical, retail and rental staging.



## Features and Benefits

**No external connections required.** PC signal, audio and control signals all passed internally from display to OPS device.

**Seamless design** provides for clean, hidden integration that eliminates the need for external components. Service can be performed while the display is still mounted, simplifying installation and reducing maintenance.

**1.6 GHz AMD Dual Core Fusion CPU with integrated HD 6310 GPU** offers flexibility for robust performance to process digital signage content, rendering beautiful imagery

**True 1080P video** with hardware assisted support for formats such as MPEG2, H.264, and WM9

**Small but powerful** with an all-metal chassis make this an ideal solution for commercial applications requiring an integrated PC

**3-year warranty** matches that of the display

## Operating System

CPU  
GPU  
RAM  
Hard Drive

Video Output  
Audio Output  
Network Connections  
Control I/O  
Video Format Support  
Graphics Format Support  
Browser Support  
Audio Format Support  
Network Protocol Support

Power  
Operating Temperature  
Operating Humidity  
Dimensions (W x H x D)  
Weight  
Gross Weight  
Certifications  
Compatible with  
Compatible with SB-02AM

OPS-PCAF-WH: Windows 7 Embedded  
OPS-PCAF-WS: Windows 7 Embedded  
OPS-PCAF-H: NA  
OPS-PCAF-S: NA  
1.6 GHz AMD Dual Core Fusion (T56N)  
Integrated HD 6310  
2GB DDR3  
OPS-PCAF-WH: 160GB  
OPS-PCAF-WS: 32GB SSD  
OPS-PCAF-H: 160GB  
OPS-PCAF-S: 32GB SSD  
External DisplayPort  
External DisplayPort  
Gigabit Ethernet  
USB 2.0 x 4  
1080p, MPEG/2, H.264, WM9  
JPEG, BMP, TIFF, GIFF  
HTML, Flash, Javascript  
MP3, PCM, AAC  
Internet (IP, TCP, UDP, ICMP, ARP, DHCP, HTTP, FTP, IGMP, RTP, RTSP, SNMP)  
16VDC Input Voltage, Power Dissipation (35W)  
32° - 104°F / 0° - 40°C  
80% maximum relative humidity, non-condensing  
7.1 x 1.2 x 4.6 in. / 180 x 30 x 118mm  
2.5 lbs. / 1.2 kg  
3 lbs.  
CE, FCC Section 15  
NEC X461S, X551S  
NEC V422, V462, V551, V651, P402, P462, P552, P702, X551UN