

SLOT-IN PC WITH INTEL® CORE i7 PROCESSOR (4TH GENERATION)

OPS Core i7 4700EQ 4-32-WS7E i7001A ORDER CODE: 100013893

OPS Slot-in PC

The Slot-In PC is a complete PC solution, compatible with all NEC Large Format Displays featuring the OPS Slot and NEC PX- and PH-Series installation projectors.

With the new Intel Core i7 processor (4th generation “Haswell”) Slot-in PC you’ll not only get top-of-the-line performance ideal for most demanding tasks, the 4 x 2.4 GHZ processor and Intel’s latest graphics engine HD4600 also feature a big step in processing and graphics performance compared to its predecessor. It’s ideal for all applications and markets that show highest demands towards performance, reliability and flexibility like Retail Signage, Energy and Utility, Corporate communication, DooH and wherever impressive visualization shall take place.



NEC OPS CONCEPT: A SIMPLE PLUG IN TO THE FUTURE

The NEC Slot-in Option Board concept means that your display device has a versatile upgrade path for the future. Your Option Board can be exchanged between any NEC display or high end NEC projector fitted with an OPS compatible option slot, meaning that a single device can be used in different products in different locations on a simple plug in and play basis.

With no cables required due to internal connection for power, video, audio and control, the option board fits neatly within the display or projector profile for a more elegant installation.

SINGLE SERVICE POINT

An NEC Display Solution that incorporates a Slot-in Option Board uniquely gives the customer one service contact and matching warranties for the display and the board. Should servicing be required, an Option Slot product can easily be removed and serviced separately with the display remaining intact.

FUTURE PROOFING YOUR DISPLAY

Future savings are possible by upgrading only your OPS device or your display and not needing to change all hardware. Devices are exchangeable between compatible products either directly, or in certain cases, using a cradle.

Delivering Genuine Benefits

Extremely powerful: Core i7 4700EQ 4 x 2.4 GHz Processor (4th generation “Haswell”) with Integrated Intel® Graphics

Stunning visuals: Intel® HD 4600 Graphics provides high-end media and graphics capabilities for devices that display videos, 2-D/3D graphics and interactive content

Ultra High Definition: Native UHD and 4K resolution to create super realistic playback

High reliability: Ideally suited for 24/7 operation

Wide Connectivity: 3 x USB, DisplayPort out, Gigabit Ethernet and Audio

Compact and fully embedded: All connectors are inside the displays including Power, Video & Audio Signals and RS232. No External Cables Required

Ideal for Digital Signage: Compatible with OPS standard for option slot products enabling easier installation, use, and maintenance of digital signs



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TECHNICAL SPECIFICATIONS

PC CONFIGURATION	
CPU	Intel Core i7 4700EQ, 4 x 2.4 GHz (4th generation «Haswell»)
Primary Storage	4GB RAM (DDR3)
Data Storage	32GB SSD (MLC)
Graphics (board)	Intel HM86 / Intel HD 4600
Operating System	Windows Embedded Standard 7 (WS7E) pre-loaded
LAN	Intel® PHY I217LM (10 / 100 / 1,000 Mbps)
CONNECTIVITY	
Interfaces Frontside	2 x USB 3.0 1 x USB 2.0 RJ45 10 / 100 / 1,000 Mbps DisplayPort out
Interfaces Rear Side	Internal OPS-interface (JAE 80-pin connector)
Audio	Analogue Stereo Input: 3.5mm Head Jack Front of SBC Output: 3.5mm Head Jack of Large Format Display and output through Internal Amplifier of the display
RS-232	Via internal connector to Large Format Display
RESOLUTION	
Internal OPS-interface	Up to 3,840 x 2,160 Pixels (Automatic System Setup via DDC Support)
Mini DisplayPort out	Up to 3,840 x 2,160 Pixels (Automatic System Setup via DDC Support)
ELECTRICAL	
Power Consumption (CPU 100%) [W]	51 max. 15 idle mode
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	5-35
MECHANICAL	
Net Weight (kg)	0.9
Gross Weight (kg)	1.0
Size / Gross Dimensions (m)	0.12 x 0.03 x 0.20 / 0.24 x 0.10 x 0.28
ADDITIONAL FEATURES	
Compatibility	All NEC Large Format Displays with Option Slot (OPS or DualSlot), NEC PX- and PH-Series Projectors
Warranty	3 Years Warranty, Additional services available
AVAILABLE OPTIONS	
External Adapter (24/7)	OPS Standalone Adapter, Order Code: 100013143
Adapter cable	DisplayPort to DisplayPort Cable (2m), Order Code: 100012575
For additional pictures and Solutions overview, Visit www.nec-display-solutions.com for details.	

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