

SLOT-IN PC WITH INTEL® CORE i3 PROCESSOR (4TH GENERATION)

OPS Core i3 4100E 2X2.4 4/32/WS7E ORDER CODE: 100013808

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 also NEC PX Series and PH Series installation projectors.

Ideal for demanding Signage applications, the new Intel Core i3 2 x 2.4 GHz processor (4th generation "Haswell") Slot-in PC not only delivers an amazing dual-core performance perfect for crisp content playback it also features a wide range of connectivity options, including 2 x USB 3.0, SD Card, RJ45, W-LAN (optional) and Mini DisplayPort out, so it can be easily integrated into your network architecture. The OPS concept provides a compact and fully embedded solution ensuring that all connectors are integrated including Power, Video & Audio Signals and RS232. No External Cables are required and these devices are much less vulnerable to potential theft. Alternative external solutions may require special safe and secure mounting solutions, racking up additional costs.



NEC OPS CONCEPT: A SIMPLE PLUG IN TO THE FUTURE

The NEC 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 an 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

State of the art: Core i3 2 x 2.4 GHz Processor (4th generation "Haswell") with Integrated Intel® Graphics HD 4600

Wide Connectivity: 2 x USB 3.0, SD Card Slot, Gigabit Ethernet, W-LAN (optional) and Mini DisplayPort out

High flexibility: Extensive user configurations with a variety of Solid State Drives, RAM and Operating Systems as well as W-LAN

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

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

Future Proof: Compatible with NEC / Intel OPS Standard for Option Slot Products

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TECHNICAL SPECIFICATIONS

PC CONFIGURATION	
CPU	Intel® Core i3 2 x 2.4 GHz 4100E (4th generation "Haswell")
RAM	4GB (DDR3), different configurations available on request (Build-to-order)
HDD	32GB SSD (MLC), different configurations available on request (Build-to-order)
Graphics (board)	Intel QM87 / Intel HD 4600
Data Storage extension	Windows WS7E (pre-loaded), different configurations available on request (Build-to-order)
Operating System	Intel® Centrino® Advanced-N 6235, available on request (Build-to-order)
CONNECTIVITY	
Interfaces Frontside	2 x USB 3.0 SD Card Slot (HS-SD and SDHC max. 32GB) RJ45 10 / 100 / 1000 Mbps Mini DisplayPort out W-LAN antenna (optional)
Interfaces Backside	Internal OPS-interface to STv2 Slot-in PC (JAE 80-pin connector)
Audio	Analogue Stereo Input: 3.5mm Head Jack Front of Slot-in PC Output: 3.5mm Head Jack of Public Display and output through Internal Amplifier of the display
RS-232	Via internal connector to Public Display
RESOLUTION	
Internal OPS-interface	Up to 3840 x 2160 Pixels (Automatic System Setup via DDC Support)
Mini DisplayPort out (Version 1.1a)	Up to 3840 x 2160 Pixels (Automatic System Setup via DDC Support)
ELECTRICAL	
Power Consumption (Full Load) [W]	TBD
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	5-35
MECHANICAL	
Net Weight (kg)	0.9
Gross Weight (kg)	1.0
Size / Gross Dimensions (mm)	0.12 x 0.03 x 0.19 / 0.19 x 0.07 x 0.26
ADDITIONAL FEATURES	
Compatibility	All NEC Public Displays with Option Slot (OPS or DualSlot), NEC PX and NEC PH Series Projectors
Warranty	3 Years Warranty, Additional services available
AVAILABLE OPTIONS	
External Adapter (24/7)	OPS Standalone Adapter, Order Code: 100013143
Adapter cable	Mini DP to DVI-D Adapter (0,17m), Order Code: 100013376; Mini DP to DP cable, Order Code: 100012853
For additional pictures and Solutions overview, Visit www.nec-display-solutions.com for details.	

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