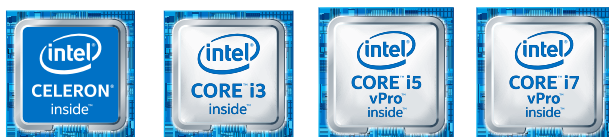\Orchestrating a brighter world

NEC

OPS Slot-in PCs 6ᵗʰ Generation Intel® Processors
A simple plug into the future

Configurable

Configurable OPS Slot-In PCs make digital signage simpler and more flexible whilst enabling your signage deployment to be tailor-made

(intel CELERON inside) (intel CORE i3 inside) (intel CORE i5 vPro inside) (intel CORE i7 vPro inside)

Delivering Genuine Benefits

- **Powerful Possibilities** - the 6th generation Intel® processors deliver a new class of computing with a host of new features to power the next generation of embedded computing

- **Intel® HD Graphics** - provides Ultra HD resolution, intense detail and faster frame rates, giving you a remarkable visual experience

- **Tailor-made solution** - extensive user configurations with a variety of Processors, Solid State Drives, RAM and Operating Systems as well as W-LAN, TPM and G3.75 connectivity

- **High reliability -** ideally suited for 24/7 operation due to the use of industrial grade components

- **Seamless and fully embedded -** as all connectors are inside the display including power, video & audio signals and RS232, no external cables are required

- **Secure Greatness -** 6th generation Intel® vPro™ processors deliver security protection as well as AMT remote management functionality for the enterprise

- **Ideal for Digital Signage -** compatible with OPS standard for option slot products enabling easier installation, operation and maintenance of digital signs

- **Economical -** enjoy more performance whilst consuming less power

The full line-up of OPS Slot-in PCs supports a wide variety of applications starting from static content playback and ranging to the most demanding interactive, high resolution or resource hungry applications. The 6th generation Intel® Core™ i processors (Skylake) deliver a new class of computing to power the next generation of Slot-in computing. It's possible to configure the required Slot-in PCs to meet customers' demands and offer tailor-made solutions as you can choose from a wide range of processors, solid-state drives, RAM and operating systems as well as Wi-Fi, TPM and G3.75 connectivity. All NEC Large Format displays (except E Series 32" to 65") plus PX and PH Installation projectors feature this option slot. Combined with the latest technology they are used as Flight information controllers in Airports, Media Players for Retail Signage, Menu board play-out systems for QSR or as video conferencing clients in Corporate applications and much more.

OPS installed in Projector

OPS installed in Large Format Display

Technical Specifications

Order Codes	
OPS-SKY-i7v-S4/64/W7e B (Core i7)	100014212
OPS-SKY-i5v-S4/64/W7e B (Core i5)	100014210
OPS-SKY-i3-S4/64/W7e B (Core i3)	100014209
OPS-SKY-CEL-S4/64/W7e B (Celeron G3900E)	100014266

CPU	Intel® 6th Generation (Skylake) Core i7 vPro-6820EQ 8M Cache 4 x 2.8GHz Core i5 vPro-6440EQ 6M Cache 4 x 2.7GHz Core i3-6100E 3M Cache 2 x 2.7GHz Celeron G3900E 2M Cache 2 x 2.4GHz
Chipset	Intel® QM170
Board	com express
Graphics Controller	Core i Intel® HD Graphics 530 Celeron Intel® HD Graphics 510 Up to 4096 x 2304 @ 60Hz
RAM	2 x 260 pin DDR4 SO-DIMM dual channel (2133 MHz, max. 16GB) Default: 1x4 GB
SSD	SATA SSD (Msata) 6Gb/s (MLC) Default: 64GB Windows WS7E (pre-installed)
EC Chipset	Intel® QM170
Audio	Realtek® ALC887
BIOS	TBD
Hardware WatchDog	System restarts if not prevented by Software program (1-255 step)
Smart Fan Control	CPU Fan
Wake On LAN / PXE	Yes (WOL / PXE)
Dimensions [mm]	Net: 120 x 30 x 200 Gross: 200 x 60 x 260

Weight [kg]	Net: 0.9 Gross: 1.0
Panel	1x Antenna (Wifi Version) 1x On/Off Button 1x Power LED 1x HDD LED
Connectivity	1x mini DP out (max. 4096 x 2304 @ 60Hz) 1x LAN (Rj45, Intel® i211AT Giga LAN) 2x USB 3.0 (1.50A) 1x Microphon in 1x Headphone out 1x SD Card Slot
RS-232	Via internal connector to Public Display
Power Consumption (Full Load) [W]:	45W: Core i7 45W: Core i5 35W: Core i3 35W: Celeron
Operating Temperature	Ambient with air flow from 0°C to 40°C
Operating Humidity	0% to 90%, non-condensing
Chassis color	Black
CMOS Battery	Metal Lithium Battery CR2032 3V
Certificate	CE / FCC class A
Accessories	Startup Manual, Support DVD
Warranty	3 Years Warranty, Additional services available
External Adapter (24/7)	OPS Standalone Adapter Order Code: 100013143

Configurable Components	
RAM (Dual Channel)	8GB, 16 GB, 32 GB
SSD	128GB, 256GB, 512GB
Wireless Connection	WiFi or SIM Card (3.75G)
TPM	TPM-Module
OS Image	Custom

(intel) UNITE™

For additional pictures and Solutions overview,
Visit www.nec-display-solutions.com for details.

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