

# OPS Slot-in PCs 6<sup>th</sup> Generation Intel® Processors

Skylake - A simple plug into the future

Standard Configuration

OPS Slot-In PCs make digital signage simpler and more flexible without additional cables or devices



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. The OPS concept provides a compact and fully embedded solution ensuring that all connectors are integrated including Power, Video & Audio Signals and RS232. 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 and as video conferencing clients in Corporate applications and much more.

## 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
- **Industrial Grade Components** - secure high reliability whilst withstanding extreme operating conditions (TJ max 105°C)
- **Seamless and fully embedded** - as all connectors are inside the display including power, video & audio signals and RS232, no external cables are required
- **High usage flexibility** - thanks to wide connectivity such as 3 x USB, DisplayPort out, Gigabit Ethernet and Audio
- **Upgrade the power of your displays at any time** - savings are possible by upgrading only your OPS device or your display with no need to change all hardware
- **A Commitment to Quality** - tailored warranties available to best match long-term demands by extending standard warranty up to 5 years
- **Economical** - enjoy more performance whilst consuming less power



OPS installed in Projector



OPS installed in Large Format Display



## Technical Specifications

Order Codes	
OPS-SKY-i7-D4/64/W7e A (Core i7)	100014260
OPS-SKY-i5-D4/64/W7e A (Core i5)	100014259
OPS-SKY-i3-D4/64/W7e A (Core i3)	100014257
OPS-SKY-CEL-D4/64/W7e A (Celeron G3900E)	100014256

  

CPU	Intel® 6th Generation (Skylake): Core i7-6820EQ 8M Cache 4 x 2.8GHz Core i5-6440EQ 6M Cache 4 x 2.7GHz Core i3-6100E 3M Cache 2 x 2.7GHz Celeron G3900E 2M Cache 2 x 2.4GHz	Weight [kg]	Net: 0.9 Gross: 1.0
Chipset	Intel® HM170 Express Chipset	Panel	1x Antenna (Wifi Version) 1x Reset Switch 1x Power LED 1x HDD LED 1x On/Off switch
Board	custom	Connectivity	1x DP out (max. 4096 x 2304 @ 60Hz) 1x LAN (RJ45, Intel® i211AT Giga LAN) 3x USB 3.0 (4.72V / 1.00A) 1x Microphone in 1x Headphone out
Graphics	Core i: Intel® HD Graphics 530 Celeron: Intel® HD Graphics 510 Up to 4096 x 2304 @ 60Hz	RS-232	Via internal connector to Public Display
RAM	2 x 260 pin DDR4 S0-DIMM dual channel (2133/1866 MHz, max. 16GB) Default: 2x2 GB	Power Consumption (Full Load) [W]:	45W: Core i7 45W: Core i5 35W: Core i3 35W: Celeron
SSD	1 x M.2 M-key (22 x 42mm) Default: 64GB Windows WS7E (pre-installed)	Operating Temperature	Ambient with air flow from 0°C to 40°C
EC Chipset	IT8585E	Operating Humidity	0% to 90%, non-condensing
Audio	Realtek® ALC887	Chassis color	Black
BIOS	128Mbit Flash ROM, AMI BIOS	CMOS Battery	Metal Lithium Battery CR2032 3V
Hardware WatchDog	System restarts if not prevented by Software program (1-255 step)	Certificate	CE / FCC class A
Smart Fan Control	CPU Fan	Accessories	Startup Manual, Support DVD
Wake On LAN / PXE	Yes (WOL / PXE)	Warranty	3 Years Warranty, Additional services available
Dimensions [mm]	Net: 120 x 30 x 200 Gross: 190 x 70 x 260	External Adapter (24/7)	OPS Standalone Adapter Order Code: 100013143

For additional pictures and Solutions overview,  
Visit [www.nec-display-solutions.com](http://www.nec-display-solutions.com) for details.

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