\Orchestrating a brighter world

NEC

Intel Quad Core SoC based single-board computers
A simple plug into the future

Latest generation of Intel Quad Core System on Chip (SoC) family (Braswell) based on a new microarchitecture and is manufactured on Intel's industry leading tri-gate 14nm process

Ideal as media players for entry level digital signage applications, simple menu board play-out systems in restaurants or information displays in museums which require Full HD video playback, multi-tasking and data processing capabilities based on a professional and flexible yet cost effective computing solution.

NC1040L with OPS Slot-in PC

Delivering Genuine Benefits

- **Powerful Atom, Celeron and Pentium CPU** provide powerful and yet cost effective computing solutions

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

- **Robust and economic design -** thanks to low power consumption and fan less heat management

- **Flexible Connectivity -** 4 USB ports, SD Card Slot, Mic In, Gigabit Ethernet

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

- **A Commitment to Quality -** tailored warranties are available to match long-term demands through extension of the standard warranty by up to 5 years

- **Fully embedded OPS form factor -** An elegant, cable-free solution with internal connection for power, video, audio, data and all control interfaces, which allows easier installation, operation and maintenance.

- **Future-Proof Open Modular Intelligence Concept -** Upgrade the computing power of the display any time for state of the art performance

OPS Slot-in PC Installation

Technical Specifications

Order Codes	
OPS-Bras-Ato-s4/64/W10IoT A	100014514
OPS-Bras-Cel-s4/64/W10IoT A	100014513
OPS-Bras-Pen-s4/64/W10IoT A	100014512

CPU	Intel® Pentium® Processor N3710 2M Cache, 4 x 1,6 Ghz Intel® Celeron® Processor N3160 2M Cache, 4 x 1,6 Ghz Intel® Atom™ Processor x5-E8000 2M Cache, 4 x 1,04 Ghz
Graphics Controller	Intel HD graphics
RAM	1 x 204 pin DDR3L SO-DIMM (1600 MHz, max. 8GB) default: 1 x 4GB
SSD	1 x M.2 M-key (22 x 42mm) for SSD, Default: 64GB
BIOS	128Mbit Flash ROM, AMI BIOS
Hardware WatchDog	System restarts if not prevented by Software program (1-255 step)
Wake On LAN / PXE	Yes (WOL / PXE)
Panel	1 x Antenna output (wifi version) 1 x Reset button (without LED) 1 x SD card slot 1 x Power LED (green LED) 1 x HD LED (Amber LED) 2 x USB 3.0 2 x USB 2.0 1 x LAN (RJ45) 1 x On/Off button

Connectivity	1 x Intel® i211AT Giga LAN, RJ45 2 x USB 3.0 type A port 2 x USB 2.0 type A port
Standard Operating System	Windows 10 IoT Enterprise Edition
RS-232	Via internal connector to Public Display
Power Consumption (Full Load) [W]:	15/15/12 (N3710/N3160/X5-E8000)
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
Dimensions [mm]	Net: 120 x 30 x 200 Gross: 190 x 70 x 260
Weight [kg]	Net: 0.9 Gross: 1.0
Accessories	Startup Manual, Support DVD
Warranty	3 Years Warranty, Additional services available
External Adapter (24/7)	OPS Standalone Adapter Order Code: 100013143

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