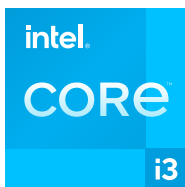


OPS Computing Module Midrange Core i3 Processor

Material Number: 100016451



Slot-in PC for all midrange signage applications

The OPS Midrange (RPL) is the most versatile and intelligent slot-in PC on the market for flight and passenger information systems, retail and corporate signage, and interactive as well as kiosk applications.

Perfect for budget-conscious businesses and organisations, the OPS Midrange delivers the performance, reliability, needed to build tailored digital display solutions with confidence.

Delivering Genuine Benefits

- **Best value for signage** - displaying digital signage content has never been more powerful in this product category, offering seamless playback of moving content and reliable operation in flight information display systems (FIDS) environments.
- **Versatile performance** - the hybrid CPU architecture, combined with high end components delivers the performance needed for multiple operations and applications at the same time; powering the next generation of embedded computing.
- **High usage flexibility** - designed to support a wide range of applications thanks to extensive connectivity, including multiple USB ports for both modern and legacy devices, as well as an HDMI input for seamless integration of external video signals into digital workflows.
- **Seamless and fully embedded** - the OPS form factor provides a compact and fully embedded solution ensuring all connectors are integrated including power, video and audio signals, and RS-232.
- **100% compatibility and enhanced feature-set** - in combination with supported NEC and Sharp interactive and large format displays.
- **High reliability** - ideally suited for 24/7 operation in signage applications.

Technical Specifications

MATERIAL NUMBER	
OPS Midrange (RPL-i3-d8/256/W11IoT B)	100016451
PC CONFIGURATION	
CPU	Intel® Core™ i3-1315U Processor; 6 cores (2x Performance, 4x Efficient), max. 4.5GHz
RAM	8GB DDR5 dual channel
Mass Storage	256GB M.2 SSD (NVMe)
Graphics (board)	Intel® UHD Graphics for 13th Gen Intel® Processors HW Codec: H.265/HEVC, VP8, VP9, MPEG2, JPEG, VC1/WMV9. Direct3D 12; OpenGL4.6; OpenCL 3.0
Operating System	Windows 11 IoT LTSC 2024
CONNECTIVITY	
Interfaces Frontside	2x USB 3.1 Type A Gen 2x USB 3.0 Type A Gen 1x Type C USB 3.1 RJ45 10 / 100 / 1000 Mbps 1x HDMI out (4K@30Hz), 1x HDMI-in 1x headphone
RESOLUTION	
EDID/DDC support	Internal OPS interface HDMI up to 3840 x 2160 @ 60Hz External HDMI interface up to 3840 x 2160 @ 30Hz
ELECTRICAL	
Power Consumption [W]	Idle : 8 Max. turbo mode: 55
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	0 to 40
MECHANICAL	
Net Weight [kg]	0.8
Gross Weight [kg]	1.2
Net Dimensions [mm]	180 x 118 x 30
Gross Dimensions [mm]	325 x 245 x 75
ADDITIONAL FEATURES	
Compatibility	All NEC and Sharp large format & interactive displays featuring an OPS slot*
Warranty	3 years warranty, additional services available

* NEC displays might be limited in resolution to a maximum of 4K@30Hz

For additional pictures and Solutions overview, visit www.sharpnecdisplays.eu for details >

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SHARP / NEC