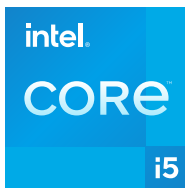


OPS Computing Module Advanced Core i5 Processor

Material Number: 100016448



Slot-in PC for all high-end signage applications

The OPS Advanced is the most versatile and intelligent slot-in PC available for complex signage installations requiring real-time processing and display of sensor data and other dynamic content.

Engineered for mission-critical applications and organisations with stringent IT standards, the OPS Advanced delivers the highest performance, reliability, and flexibility to create robust, future-ready digital display solutions.

Delivering Genuine Benefits

- **High performance** - the Core™ i5 with 8GB dual channel DDR5 RAM delivers fast data processing and is capable of running multiple operations and applications at the same time; powering the next generation of embedded computing.
- **Long-term OS support** - with its Microsoft Windows 11 IoT pre-installed operating system and Long-term Servicing Channel (LTSC) you will receive software support for many years.
- **High usage flexibility** - thanks to wide connectivity such as 5 x USB, HDMI, Gigabit Ethernet, RS-232 and Audio there's no need to add additional adapters or signal splitters.
- **Seamless and fully embedded** - the OPS form factor provides a compact and fully embedded solution ensuring that all connectors are integrated including Power, Video & Audio Signals and RS-232.
- **100% compatibility and enhanced feature-set** - in combination with supported NEC and Sharp large format and interactive displays.
- **High reliability** - ideally suited for 24/7 operation due to the use of highly reliable components.

Technical Specifications

MATERIAL NUMBER	
OPS Advanced (RPL-i5-d8/256/W11IoT B)	100016448
PC CONFIGURATION	
CPU	Intel® Core™ i5-1335U Processor; 10 Cores (2x Performance, 8x Efficient), maximum 4.6 GHz
RAM	8GB DDR5 dual channel
Mass Storage	256GB M.2 SSD (NVMe)
Graphics (board)	Intel® Iris® Xe Graphics, integrated graphics controller HW Codec: H.265/HEVC, VP8, VP9, MPEG2, JPEG, VC1, AVC, AV1 Decode; Direct3D 12.1 ; OpenGL 4.6 ; 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 : 8.5 Max. turbo mode: 58
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