

Material Number: 100016121

# OPS Computing Module Advanced

Core i5 Processor

Slot-in PC for all type of high-end signage applications.

The Advanced computing module supports a wide variety of applications such as interactive signage applications, video walls and more complex intelligent signage installations where sensor and other data are processed and displayed in real-time.



## Benefits

- **High performance** - the Core™ i5 with 8GB dual channel DDR4 RAM delivers fast data processing and is capable to run multiple operations and applications at the same time; powering the next generation of embedded computing.
- **Long-term OS support** - with its Microsoft Windows 10 IoT pre-installed operating system and its Long-term Servicing Channel (LTSC) you get software support for many years.
- **High usage flexibility** - thanks to wide connectivity such as 6 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 displays.
- **High reliability** - ideally suited for 24/7 operation due to the use of industrial grade components.

## Technical Specifications

<b>MATERIAL NUMBER</b>	
OPS-ELK-i5-d8/128/W10IoT B	100016121
<b>PC CONFIGURATION</b>	
CPU	Intel® Core™ i5-1135G7 Processor 4x 2.4 GHz base frequency
RAM	8GB dual channel DDR4
Mass Storage	128GB M.2 SSD (SATA)
Graphics (board)	Intel® Iris® Xe Graphics, integrated graphics controller HW Codec: H.265/HEVC, VP8, VP9, MPEG2, JPEG, VC1/WMV9. Direct3D 2015/11.2/11.1/10/9 ; OpenGL5.0 ; OpenCL 2.0/1.2/1.0
Operating System	Windows 10 IoT LTSC x64
<b>CONNECTIVITY</b>	
Interfaces Frontside	4x USB 3.0 Gen1 type A 2x USB 2.0 Gen1 type A RJ45 10 / 100 / 1000 Mbps 1x HDMI 1x line-out, 1x mic-in
<b>RESOLUTION</b>	
EDID/DDC support	Internal OPS interface up to 3840 x 2160 @ 60Hz HDMI interface up to 3840 x 2160 @ 60Hz
<b>ELECTRICAL</b>	
Power Consumption [W]	Idle: 8.5 Max. turbo mode: 70
<b>ENVIRONMENTAL CONDITIONS</b>	
Operating Temperature [°C]	0 to 40
<b>MECHANICAL</b>	
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
<b>ADDITIONAL FEATURES</b>	
Compatibility	All NEC and Sharp large format displays featuring an OPS slot
Warranty	3 years warranty, additional services available
For additional pictures and Solutions overview, visit <a href="http://www.sharpnecdisplays.eu">www.sharpnecdisplays.eu</a> for details.	

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