

Material Number: 100016113

OPS Computing Module Midrange

Core i3 Processor

Slot-in PC for all kind of professional digital signage applications.

This Core i3 powered Intel® OPS slot-in PC supports a wide variety of applications such as flight and passenger information, retail and corporate signage as well as interactive and kiosk applications.



Benefits

- **Best value for signage** - showing digital signage content was never that powerful in this product category: smooth playback of moving content but also great for Flight Information Display Systems (FIDS).
- **Versatile performance** - the Core™ i3-8145U processor with 4GB 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.
- **High usage flexibility** - thanks to wide connectivity such as 6 x USB, HDMI, Gigabit Ethernet, RS-232 and Audio by, 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 and 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 in signage applications.

Technical Specifications

MATERIAL NUMBER	
OPS-CHA-i3-d4/128/W10IoT B	100016113
PC CONFIGURATION	
CPU	Intel® Core™ i3 8145U Processor, 2x 2.1GHz Base frequency
RAM	4GB dual channel
Mass Storage	128GB M.2 SSD (SATA)
Graphics (board)	Intel® UHD Graphics 620 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 Enterprise LTSC x64bit
CONNECTIVITY	
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
RESOLUTION	
EDID/DDC support	Internal OPS interface (HDMI only) up to 3840 x 2160 @ 60Hz External HDMI interface up to 3840 x 2160 @ 30Hz
ELECTRICAL	
Power Consumption [W]	Idle: 8 Max. turbo mode: 67
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 displays featuring an OPS slot
Warranty	3 years warranty, additional services available
For additional pictures and Solutions overview, visit www.sharpnecdisplays.eu for details.	

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