

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

|   |  |
|---|--|
| <b>MATERIAL NUMBER</b>  |  |
| OPS-CHA-i3-d4/128/W10IoT B  | 100016113  |
| <b>PC CONFIGURATION</b>   |  |
| 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<br>HW Codec: H.265/HEVC, VP8, VP9, MPEG2, JPEG, VC1/WMV9.<br>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  |
| <b>CONNECTIVITY</b>   |  |
| Interfaces Frontside  | 4x USB 3.0 Gen1 type A<br>2x USB 2.0 Gen1 type A<br>RJ45 10 / 100 / 1000 Mbps<br>1x HDMI<br>1x line-out, 1x mic-in                                 |
| <b>RESOLUTION</b>   |  |
| EDID/DDC support  | Internal OPS interface up to 3840 x 2160 @ 60Hz<br>HDMI interface up to 3840 x 2160 @ 30Hz   |
| <b>ELECTRICAL</b>   |  |
| Power Consumption [W]   | Idle: 8<br>Max. turbo mode: 67   |
| <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. |  |

### Sharp NEC Display Solutions Europe GmbH

Landshuter Allee 12-14, D-80637 München  
 infomail.sndse@sharp.eu  
 Phone: +49 (0) 89 99 699-0  
 Fax: +49 (0) 89 99 699-500  
[www.sharpnecdisplays.eu](http://www.sharpnecdisplays.eu)