

# Intel® Smart Display Module (Intel® SDM) 8th Generation Intel Core i5 Processor

Configurable Intel® SDM Slot-In PC  
for demanding meeting room  
applications

This Core i5 powered Intel® SDM Large Slot-in PC is specifically configured for demanding corporate meeting room applications, such as video conferencing, interactive whiteboards and collaborative use cases.



## Benefits

- **High performance** - Intel® Core™ i5-8400H Processor with 16GB 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.
- **Tailored for your needs** - customer specific configurations for RAM, SSD, operating system, and pre-installed software.
- **High usage flexibility** - thanks to wide connectivity such as 4 x USB, MiniDP++, Gigabit Ethernet, Audio and WiFi; there's no need to add additional adapters or signal splitters.
- **Seamless and fully embedded** - The Intel® SDM form factor provides a compact and fully embedded solution ensuring that all connectors are integrated including Power, Video & Audio Signals.
- **100% compatibility and enhanced feature-set** - in combination with supported NEC large format displays.
- **Built for business** - vPro® technology and TPM chipset provide enhanced performance, security and remote management capabilities.
- **High reliability** - Ideally suited for 24/7 operation due to the use of industrial grade components.

## Intel® Smart Display Module (Intel® SDM) featuring Intel® 8th Core i5 Processor

## Technical Specifications

PC CONFIGURATION	
CPU	Intel® Core™ i5-8400H Processor 4x3.5GHz Max Turbo Frequency
System Chipset	Intel QM370
BIOS	AMI uEFI 128 Mbit
RAM	16GB dual channel
Mass Storage	256GB M.2 SSD (SATA)
Graphics (board)	Intel® UHD Graphics 610 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 Professional x64bit
CONNECTIVITY	
Interfaces Frontside	4 x USB 3.1 Gen2 RJ45 10 / 100 / 1000 Mbps 1 x MiniDP++ 1.2 1 x Mini Jack Audio in/out Intel® Wireless-AC 9260 Module 802.11ac Wifi + BT 5.1 with vPro support
Interfaces backside	Internal Intel® SDM PCIe x8 interface, supporting USB3.1 x1, HDMI 2.0 x1, Display Port 1.2 x1, RS232 x1, 12V DC-In
RESOLUTION	
EDID/DDC support	Internal SDM interface up to 3840 x 2160 @ 60Hz External MiniDP++ interface up to 4096 x 2160 @ 60Hz
ELECTRICAL	
Power Consumption [W]	Idle: 8.5 Watt Max: (Turbomode) 70 Watt
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	0-55
MECHANICAL	
Net Weight (kg)	1.0
Gross Weight (kg)	1.2
Gross Dimensions	6.9 x 3.9 x 0.79in/175 x 100 x 20mm
ADDITIONAL FEATURES	
Compatibility	All NEC Large Format Displays accepting Intel® Smart Display Module Large except ME431 and M431
Warranty	3 Years warranty, additional services available

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