SHARP/NEC

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 4x4.2GHz 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
Warranty	3 Years warranty, additional services available

Sharp NEC Display Solutions of America
www.sharpnecdisplays.us