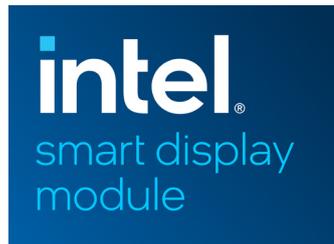


Order Code: 100016174

Intel® Smart Display Module (Intel® SDM) Advanced

Intel® SDM Slot-In PC for all type of high-end signage applications



Introducing the Intel® Smart Display Module Advanced, the most versatile and intelligent slot-in PC on the market for complex intelligent signage installations that process and display sensor and other data in real time.

Perfect for mission-critical applications and organizations with high IT standards, the Intel® SDM Advanced delivers the highest performance, reliability, and flexibility you need to create the perfect digital display solution for your specific needs.



Benefits

- **High performance** - power and efficiency at your fingertips with 2 Performance and 8 Efficient cores
- **Smart** - a solid foundation for cutting-edge AI applications
- **Soundless** - silent operation for a distraction-free environment
- **Modular** - simplifies installation and maintenance
- **Compatibility** - seamless integration with your existing Sharp/NEC Large Format Displays supporting SDM slot
- **Built for business** - Intel® vPro® technology, essentials for enhanced security and simplified IT
- **Robust** - built for continuous, dependable operation

Technical Specifications

ORDER CODES	
SDM Advanced (ADL-i5-d8/128/W10IoT B)	100016174
PC CONFIGURATION	
CPU	Intel® Core™ i5-1235U Processor; 10 Cores (2x Performance, 8x Efficient), maximum 4.4 GHz
BIOS	AMI uEFI 128 Mbit
RAM	8GB dual channel
Mass Storage	128GB
Graphics (board)	Intel® Iris® Xe Graphics eligible; HW Codec: H.265/HEVC, VP8, VP9, MPEG2, JPEG, VC1, AVC, AV1 Decode; Direct3D 12.1 ; OpenGL 4.6 ; OpenCL 3.0
Operating System	Windows 10 IoT Enterprise LTSC 2021
Hardware Management Tools	Trusted Platform Module TPM 2.0 Featuring Intel vPro® Essentials with Intel® Standard Manageability (ISM) Intel® Management Engine (ME v16.1.25.2124) Watchdog Timer (programmable 1-255sec)
CONNECTIVITY	
Interfaces Frontside	2 x USB 3.2 Gen2 RJ45: up to 2.5GbE DP++ 1.2
Interfaces backside	SDM I/F: 1 x DisplayPort, 1 x TMDS, 1 x USB, UART, I2C, 3.3VSB, 12V
RESOLUTION	
EDID/DDC support	Internal SDM interface up to 3840 x 2160 @ 60Hz External Terminal: 3840 x 2160 @ 60Hz
ELECTRICAL	
Power Consumption [W]	Continuous: 66 Peak (max. 10ms): 79.2
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	0-55
MECHANICAL	
Net Weight (kg)	1.0
Gross Weight (kg)	1.2
Size / Gross Dimensions (m)	0.175 x 0.100 x 0.020 / 0.325 x 0.245 x 0.075
ADDITIONAL FEATURES	
Compatibility	All Sharp/NEC Large Format Displays accepting Intel® Smart Display Module Large except ME431 and M431
Warranty	3 years warranty, additional services available
For additional pictures and Solutions overview, visit www.sharpnecdisplays.eu for details.	

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