

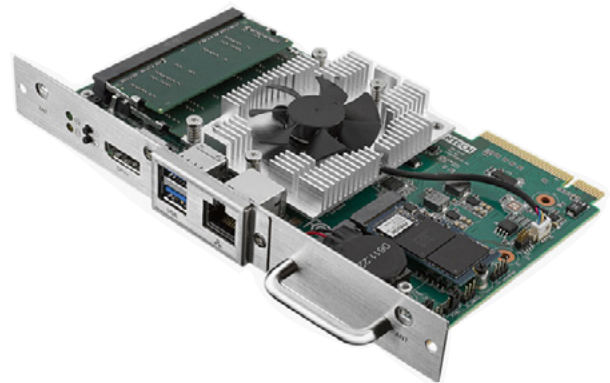
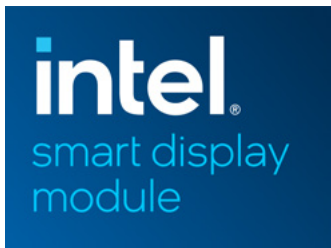
Order Code: 100016174

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 and Intel Active Management Technology (AMT) 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.sharpeddisplays.eu for details. | |

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