

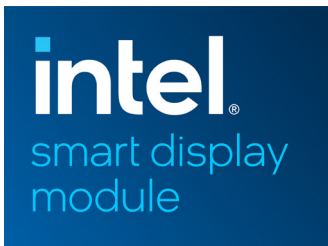
Order Code: 100015585

Intel® Smart Display Module (Intel® SDM) 8th Generation Intel Celeron Processor

The Standard Celeron SDM

Configurable Intel® SDM Slot-In PC
for all type of standard applications

This Celeron powered Intel® SDM Large Slot-in PC supports a wide variety of applications such as flight information controllers in airports, media players for retail or corporate signage, menu board play-out systems in restaurants and many more.



Benefits

- **Versatile performance** - The G4930E Intel® Celeron processor with 8GB 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 4 x USB, MiniDP++, Gigabit Ethernet, Audio; 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 and RS232.
- **100% compatibility and enhanced feature-set** - in combination with supported NEC large format displays.
- **Built for business** - The TPM chipset provides enhanced hardware security through integrated cryptographic keys.
- **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 Celeron Processor

Technical Specifications

ORDER CODES	
SDM-CFH-Cel-d8/128/W10IoT/TPM B	100015585
PC CONFIGURATION	
CPU	Intel® Celeron G4930E 2x2.4GHz Base frequency
System Chipset	Intel QM370
BIOS	AMI uEFI 128 Mbit
RAM	8GB dual channel
Mass Storage	128GB M.2 SSD (SATA)
Graphics (board)	Intel® UHD Graphics 630 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 IoT LTSC 2019 x64bit (pre-loaded)
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
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 Watt Max: (Turbomode) 53.5 Watt
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 NEC Large Format Displays accepting Intel® Smart Display Module Large
Warranty	3 Years warranty
AVAILABLE OPTIONS	
External Adapter	100015613 SDM Standalone Adapter

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