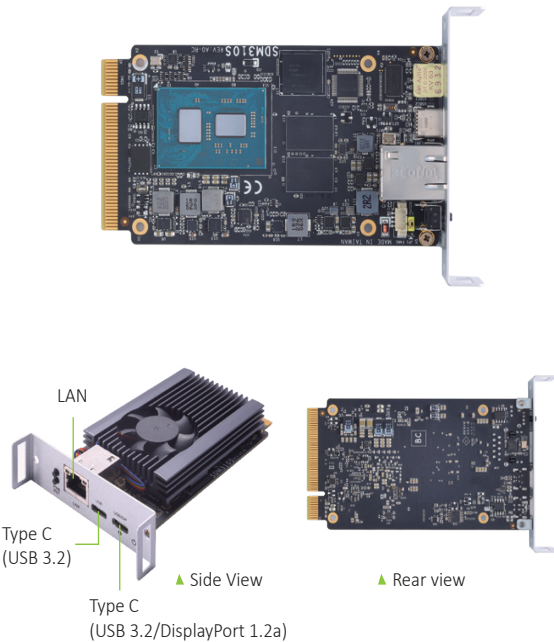


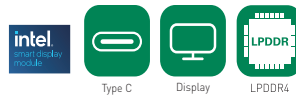
SDM310S NEW

Intel® Smart Display Module Small (Intel® SDM-S) with Intel® Celeron® Processor J6412



Features

- Intel® Smart Display Module (Intel® SDM) specification
- Intel® Celeron® processor J6412 (Elkhart Lake)
- 4GB LPDDR4 memory onboard (8GB optional)
- 64GB eMMC onboard (128G optional)
- Supports two 4K 60Hz
- 2 Type C (USB 3.2) and 1 GbE LAN
- Small design for easy integration into slim displays
- Optimized for digital signage, interactive kiosks, video walls, interactive flat panel displays, projectors



Specifications

Core System

CPU	Intel® Celeron® processor J6412 (Elkhart Lake)
System Memory	LPDDR4 4GB memory onboard (8GB optional)
Chipset	SoC integrated
SSD	64GB eMMC onboard (128G optional)
WatchDog Timer	255 levels, 1 to 255 sec./min.
Battery Lithium	Lithium 3 V/220 mAH
Power Input	Through SDM edge connector +12V & +3.3VBS

Display

Graphic	Intel® UHD Graphics
Display Interface	1 x Type C DisplayPort 1.2a (4K@60Hz) (rear I/O) 1 x HDMI 2.0b 4K@60Hz (via SDM edge connector) 1 x DisplayPort 1.2a 4K@60Hz (via SDM edge connector)

I/O

SDM Golden Finger	1 x USB 3.0 1 x HDMI 2.0b 1 x DisplayPort 1.2a 1 x Serial TX/RX 2 x i°C 1 x PCIe x1
Ethernet	1 x 10/100/1000 Mbps with RTL8111H; supporting Wake-on-LAN and PXE Boot ROM
USB	1 x Type C (USB 3.2 Gen2/DisplayPort 1.2a 4K@60Hz) 1 x Type C (USB 3.2 Gen2)

Mechanical and Environmental

Dimensions	100 x 60 mm
Weight (net/gross)	146g/226g
Board Thickness	1.6 mm
Operating Temperature	0°C to +55°C (+32°F to +131°F)
Humidity	10% to 95% relative humidity, non-condensing

Ordering Information

Standard

SDM310S-J6412-4G 64G (P/N: E38X310S02)	SDM-S module with Intel® Celeron® processor J6412, LPDDR4 4GB, eMMC 64GB, 1 LAN, 1 Type C (USB 3.2), 1 Type C (USB 3.2/DisplayPort 1.2a)
SDM310S-J6412-8G 128G (P/N: E38X310S01)	SDM-S module with Intel® Celeron® processor J6412, LPDDR4 8GB, eMMC 128GB, 1 LAN, 1 Type C (USB 3.2), 1 Type C (USB 3.2/DisplayPort 1.2a)

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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