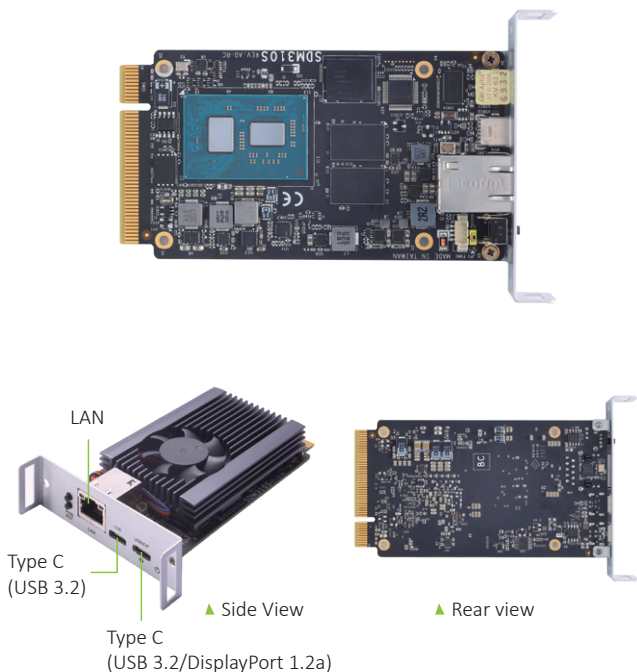


# SDM310S NEW

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
- Two Type C (USB 3.2) and one GbE LAN
- Small design for easy integration into slim displays
- Optimized for digital signage, public kiosks, professional monitors, point-of-sale
- Projections for magic mirrors, beside terminals, hospitality, and more



## 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 <sup>2</sup> C 1 x PCIe x1
Ethernet	1 x 10/100/1000 Mbps with RTL8111H; supports Wake-on-LAN, 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)

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### 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-J6412-4G64G	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)
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