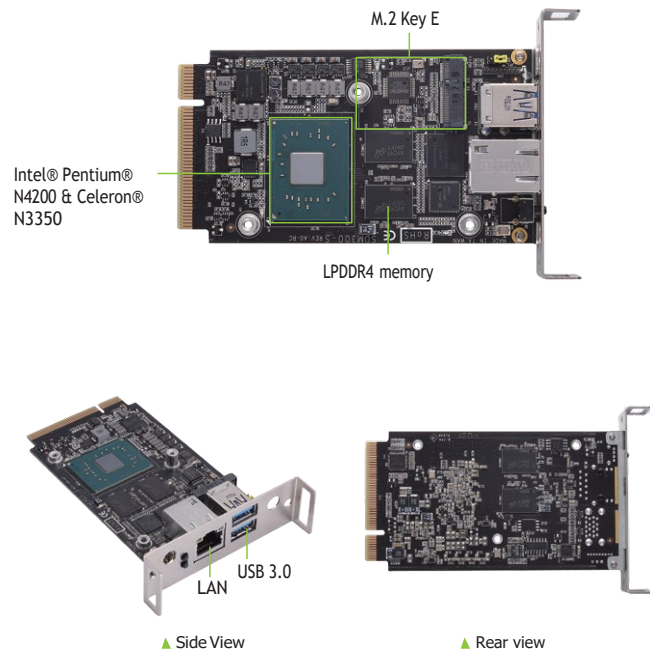


# boMDS300S

Intel® Smart Display Module Small (Intel® SDM-S) with Intel® Pentium® Processor N4200 and Celeron® Processor N3350

## Features

- Intel® Smart Display Module (Intel® SDM) specification
- Intel® Pentium® processor N4200 & Celeron® processor N3350 (Apollo Lake)
- 4GB LPDDR4 memory onboard (8GB optional)
- 64GB eMMC onboard (32G optional)
- One M.2 Key E 2230 slot
- Two USB 3.0 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



## Core System

CPU	Intel® Pentium® processor N4200, Celeron® processor N3350 onboard
System Memory	LPDDR4 4GB memory onboard (8GB optional)
Chipset	SoC integrated
SSD	64GB eMMC onboard (32G optional)
WatchDog Timer	255 levels, 1 to 255 sec./min.
Expansion Interface	1 x M.2 Key E 2230 slot
Battery Lithium	Lithium 3 V/220 mAh
Power Input	Through SDM edge connector +12V & +3.3VBS
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

## I/O

SDM Golden Finger	Standard PCIe x8 (98-pin) 1 x USB 3.0 1 x HDMI 1.4 1 x DisplayPort 1.2 1 x Serial TX/RX 2 x iC
Ethernet	1 x 10/100/1000 Mbps with Intel® i211-AT; supports Wake-on-LAN, PXE Boot ROM
USB	2 x USB 3.0

## Display

Chipset	Intel® HD Graphics 505/500 Supports Gfx - DX12.0, OCL 2.0, OGL 4.3
Display Interface (via SDM edge connector)	1 x DisplayPort 1.2 (4096 x 2304 @ 60p) 1 x HDMI 1.4 (3840 x 2160 @ 30p)

## Packing List

1 x Quick installation guide

## Ordering Information

Standard	
boMDS300S-N4200-4GB (P/N: E38X300102)	SDM-S module with Intel® Pentium® processor N4200, onboard DDR4 4GB, EMMC 64GB, 1 LAN, 2 USB 3.0
boMDS300S-N3350-4GB (P/N: E38X300100)	SDM-S module with Intel® Celeron® processor N3350, onboard DDR4 4GB, EMMC 64GB, 1 LAN, 2 USB 3.0
Optional	
8812T1500A0E	Wi-Fi Kit