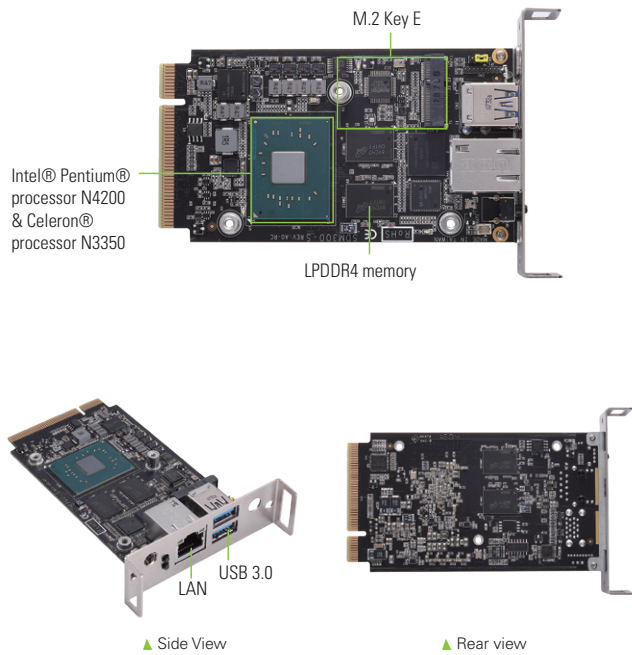


SDM300S NEW

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

Features

- Intel® Smart Display Module (Intel® SDM) specification
- Intel® Pentium® processor N4200 & Celeron® processor N3350 (Apollo Lake)
- LPDDR4 4GB memory onboard (8GB optional)
- Onboard 32/64GB eMMC
- One M.2 Key E 2230 slot
- Two USB 3.0, one GbE LAN
- Easily integrates into slim designs
- Optimized for digital signage, public kiosks, professional monitors, point-of-sale
- Projections for magic mirrors, beside terminals, hospitality, and more



Core System

CPU	Intel® Quad Core Pentium® processor N4200, Dual Core Celeron® processor N3350 onboard
System Memory	LPDDR4 4GB memory onboard (8GB optional)
Chipset	SoC integrated
SSD	32/64GB eMMC onboard
WatchDog Timer	255 levels, 1 ~ 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
Size	100 x 60 mm
Board Thickness	1.6 mm
Operating Temperature	0°C ~ +55°C
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

SDM Edge connector	Card edge	Standard PCIe x8 (98 pins)
	SDM I/O	1 x USB 3.0 1 x HDMI 1.4 1 x DisplayPort 1.2 1 x Serial TX/RX 2 x I ² C
Rear I/O	1 port as 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM with Intel® i211-AT 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

Quick installation guide

Ordering Information

Standard	
SDM300S-N4200-4GB	SDM-S module with Intel® Pentium® processor N4200, DP/HDMI, GbE LAN and USB 3.0
SDM300S-N3350-4GB	SDM-S module with Intel® Celeron® processor N3350, DP/HDMI, GbE LAN and USB 3.0
Optional	
SDB100	SDM-S evaluation board

