

ITC151

15.6" HD TFT LCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card



- | | |
|---------------------------------|----------------|
| 1. Antenna reserved holes | 3. LAN |
| 2. Power Button
Reset Button | 4. 2 x USB 3.0 |
| | 5. Status LED |



▲ Countertop stand (landscape)



▲ Countertop stand (portrait)



DDR4



M.2



USB 3.0

Features

- 15.6" HD TFT LCD
- 16:9 aspect ratio; 220 nits brightness
- Diamond-cut slim bezel under 33.5 mm thickness
- Projected capacity touch supported (10-point touch)
- Swappable Intel® SDM CPU card
- Modular design for various applications
- Supports an add-on RFID reader, barcode scanner, and camera modules (optional)
- Supports a thermal printer (optional)
- Supports countertop/floor stand, and wall mount (optional)



Specifications

LCD Panel	Display Type	15.6" HD TFT LCD
	Brightness (cd/m ²)	220 nits
	Resolution	1366 (H) x 768 (V)
	Aspect Ratio	16:9
Main System	Intel® SDM Small (SDM-S, 60 x 100 mm) Intel® SDM Large (SDM-L, 175 x 100 mm)	
I/O Connector (Depends on SDM I/O)	SDM510L	1 x Power button with LED 1 x 2.5 GbE LAN 3 x USB 3.2 Gen2 1 x USB 2.0 3 x HDMI 2.0 2 x SMA antenna reserved hole
	SDM300S	1 x LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole 1 x Power button and reset button
	SDM310S	1 x LAN 1 x USB 3.2 Gen2 Type C 1 x USB Type C DisplayPort 1.2a (4K@60Hz) (rear I/O) 1 x Power button and reset button
Touchscreen	Projected capacitive multi-touch	
Stereo Speaker	2 x S.P.L. 88dB, 1.5W, 4 ohm	
Power Supply	24V AC to DC power adapter	
Power Consumption	Average 45W	
Dimensions (W x D x H)	393.5 x 33.5 x 248.5 mm (15.5" x 1.3" x 9.8")	
Packing Dimensions (W x D x H)	530 x 193 x 468 mm (20.9" x 7.6" x 18.4")	
Weight (net/gross)	3.1 kg (6.9 lb)/5.6 kg (12.4 lb)	
Operating Temperature	0°C to +40°C (+32°F to +104°F)	
Operating Humidity	20% to 90%, non-condensing	
Certifications	CE, FCC Class A	

CPU Card Selection: SDM300S

CPU	Quad-core Intel® Pentium® N4200 1.1 GHz processor or dual-core Intel® Celeron® N3350 1.1GHz processor
System Memory	Onboard LPDDR4 4GB (8GB optional)
BIOS	AMI UEFI BIOS
Storage	eMMC 64GB onboard
Watchdog Timer	255 levels, 1 to 255 sec./min.
Onboard Graphics	Intel® HD Graphics 505/500 (depending on CPU card)
Expansion Interface	1 x M.2 Key E 2230 slot (for Wi-Fi)

CPU Card Selection: SDM510L

CPU	12th gen Intel® Celeron® 7305E processor or Intel® Core™ i3/i5 processor (optional)
System Memory	2 x 260-pin DDR4-3200 SO-DIMM slot, up to 64GB
BIOS	AMI UEFI BIOS
Storage	1 x M.2 Key M 2242 slot
Watchdog Timer	255 levels, 1 to 255 sec./min.
Onboard Graphics	Intel® UHD Graphics for 12th gen Intel® CPU
Expansion Interface	1 x M.2 Key E 2230 slot (for Wi-Fi)

CPU Card Selection: SDM310S

CPU	Intel® Celeron® processor J6412
System Memory	LPDDR4 4GB memory onboard (8GB optional)
Storage	64GB eMMC onboard (128G optional)
Watchdog Timer	255 levels, 1 to 255 sec./min.
Onboard Graphics	Intel® UHD Graphics

Ordering Information

Standard

ITC151-SDM300S-N4200 (P/N: TBD)	15.6" HD PCAP touch slim bezel panel with SDM300S Intel® Pentium® N4200 processor, onboard DDR4 4G, eMMC 64GB, 1 LAN, 2 USB 3.0, and 2 speaker
ITC151-SDM510L-i5-12600HE (P/N: E22T151100)	15.6" HD PCAP touch slim bezel panel with SDM510L Intel® Core™ i5 12600HE processor, 2 DDR4-3200 SO-DIMM, 1 M.2 SSD slot, 2.5G LAN, 3 USB 3.2 Gen2, 1 USB2.0, 2 speaker
ITC151-SDM310S-J6412 (P/N: TBD)	15.6" HD PCAP touch slim bezel panel with SDM310S 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), 2 speaker. (Onboard memory option: LPDDR4 8GB, eMMC 128GB)

*Other SDM module by request.

Packing List

1 x ITC151 with SDM module
1 x Adaptor

Optional Accessories

RFID module

Barcode scanner module

Camera module

Thermal printer with counter-top stand or floor stand

SSD M.2 2242-M (SDM510L)

DDR4 SO-DIMM: 4GB- 32GB (SDM510L)

822T1500050E	Mounting kit
8812T1500A0E	Wi-Fi kit
59903000000E	AC power cord EU, L=1830 mm
599000001100	AC power cord US, L=1830 mm
59909010000E	AC power cord China, L=1830 mm
59906000010E	AC power cord Japan, L=1830 mm
59905000000E	AC power cord Australia, L=1830 mm
59918000000E	AC power cord Brazil, L=1830 mm

Optional OS Installation

Windows® 10 IoT 64-bit

Dimensions

