

# ITC150WM

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

## Features

- 15.6" full HD TFTLCD
- 16:9 aspect ratio; 300 nits brightness
- Slim bezel shape under 40 mm thickness
- Projected capacity touch with 10-point touch supported
- Swappable Intel® SDM CPU card design
- Metal frame structure for various applications
- Supports add-on modules and mounting kits (optional)



## Specifications

Front Bezel	Metallic front bezel, IPx4 compliant	
LCD Panel	Display Type	15.6" FHD TFT-LCD
	Brightness (cd/m <sup>2</sup> )	300 nits
	Resolution	1920 (H) x 1080 (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)	SDM500L	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Microphone input 2 x SMA antenna reserved hole
	SDM300S	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole
Touchscreen	Projected capacitive multi-touch	
Stereo Speaker	2 x S.PL 88dB, 1.5W, 4 ohm	
Power Supply	84W (12V@7A) AC to DC power adapter	
Power Consumption	Average 45W	
Dimensions	386 mm (15.1") (W) x 40 mm (1.6") (D) x 241 mm (9.5") (H)	
Packing Dimensions	518 mm (20.39") (W) x 193 mm (7.6") (D) x 466 mm (18.35") (H)	
Weight (net/gross)	3.1kg (6.9lb)/5.6kg (12.4lb)	
Operating Temperature	0°C to +40°C (+32°F to +104°F)	
Operating Humidity	20% - 90%, non-condensing	
Certifications	CE, FCC Class A	

### CPU Card Selection: SDM300-S

CPU	Quad-core Intel® Pentium® N4200 1.1GHz processor or Dual-core Intel® Celeron® N3350 1.1GHz processor	
System Memory	Onboard LPDDR4 2400 MHz 4GB (8GB optional)	
BIOS	AMI UEFI BIOS	
Storage	1 x eMMC 64GB onboard	
Watchdog Timer	255 levels, 1 to 255 sec.	
Onboard Graphics	Intel® HD Graphics 505/500 (depends on CPU card)	
I/O Connector	Rear Side	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole
	Expansion Interface	1 x M.2 Key E 2230 slot (for the Wi-Fi)

### CPU Card Selection: SDM500-L

CPU	Intel® Celeron® 4305UE 2.0GHz processor or Intel® Core™ processor (optional)	
System Memory	2 x 260-pin DDR4-2400 SO-DIMM slot, up to 64GB	
BIOS	AMI UEFI BIOS	
Storage	1 x M.2 Key B 2242 slot	
	1 x M.2 Key M 2280 slot	
Watchdog Timer	255 levels, 1 to 255 sec.	
Onboard Graphics	Intel® UHD Graphics 620/610 (depends on CPU card)	
I/O Connector	Rear Side	1 x Power button with L ED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Microphone input
	Expansion Interface	1 x M.2 Key E 2230 slot (for Wi-Fi)

## Packing List

1 x ITC150WM with SDM module  
1 x Adaptor

## Ordering Information

### Standard

ITC150WM-SDM300S-N4200 (P/N: E22T150102)	15.6 FHD PCAP touch slim bezel panel with SDM300S Intel® Pentium® N4200 processor, onboard DDR4 4G, eMMC 64GB, 1 LAN, 3 USB 3.0, 2 USB 2.0, 2 speaker, and 2 DC Jack
ITC150WM-SDM500L-8365UE (P/N: E22T150103)	15.6 FHD PCAP touch slim bezel panel with SDM500L Intel® Core™ i5 8365UE processor, 2 SO-DIMM, 2 M.2 SSD, 1 LAN, 5 USB 3.0, 2 USB 2.0, 2 speaker, 1 Mic-in, 1 Line-out, and 2 DC Jack

\*Other SDM module by request.

## Optional Accessories

SSD M.2 2280-B-M (SDM500L)	
SSD M.2 2242-B (SDM500L)	
DDR4 SO-DIMM: 4GB-32GB (SDM500L)	
822T1500050E	Mounting kit
8812T1500A0E	Wi-Fi kit
59903000000E	AC power cord EU, L=1830 mm
59902000000E	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

