

ITC150WM

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

Features

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



Specifications

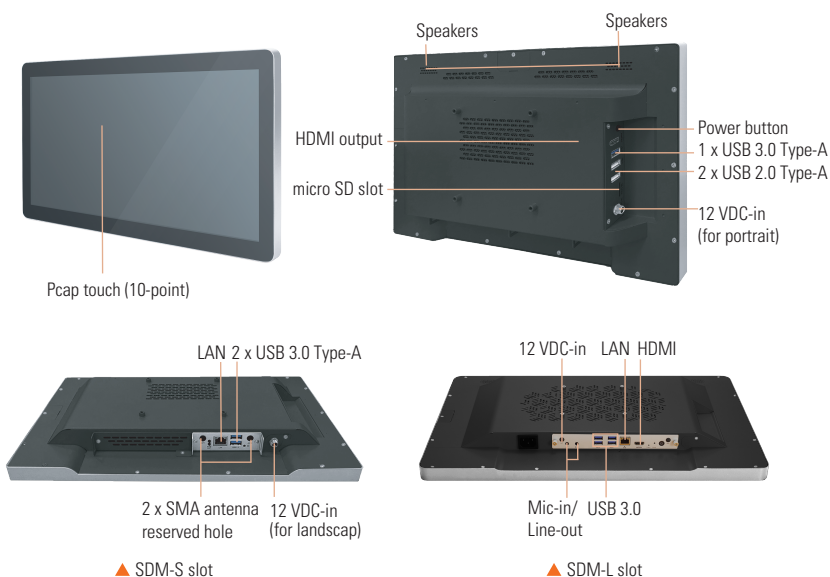
Front Bezel	metallic front bezel, IP54	
LCD Panel	Display Type	15.6" FHD TFT-LCD
	Brightness (cd/m ²)	300 nits
	Resolution	1920 (H) x 1080 (V)
	Aspect Ratio	16:9
Main System	Intel® SDM Small (SDM-S, 60 x 100 mm) Intel® SDM Large (SDM-L, 175 x 100 mm)	
I/O Connector	Left Side	1 x Power button with LED 1 x HDMI output 1 x USB 3.0 Type A 2 x USB 2.0 Type A 1 x microSD card slot (push-push type) 2 x 12 VDC-in barrel (screw-lock type)
	Right Side	1 x Power button with LED 1 x HDMI output 1 x USB 3.0 Type A 2 x USB 2.0 Type A 1 x microSD card slot (push-push type) 2 x 12 VDC-in barrel (screw-lock type)
Touchscreen	Projected capacitive multi-touch	
Stereo Speaker	2 x S.P.L. 96dB, 1.5W, 4 ohm	
Power Supply	60W (12V@5A)/96W (12V/8A) 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)	
Weight (net/gross)	1.15 kg (2.42 lb)/5.4kg (11.9 lb)	
Operating Temperature	0°C to +40°C (+32°F to +104°F)	
Operating Humidity	20% - 80%, non-condensing	
Certifications	CE, FCC Class A, and CB	

CPU Card Selection: SDM300-S

CPU	Quad cores Intel® Pentium® N4200 1.1GHz processor or dual cores Intel® Celeron® N3350 1.1GHz processor (depends on CPU Card)	
System Memory	Onboard LPDDR4 2400 MHz 4GB (8GB optional)	
BIOS	AMI UEFI BIOS	
Storage	1 x eMMC 64GB onboard	
Watchdog Timer	255 levels, 0 ~ 255 sec.	
Onboard Graphics	Intel® HD Graphics 505/500 (depends on CPU card)	
I/O Connector	Rear Side	1 x GbE LAN (depends on SDM I/O) 2 x USB 3.0 Type A 2 x SMA antenna reserved hole
	Left Side	1 x Power button with LED 1 x HDMI output 1 x USB 3.0 Type A 2 x USB 2.0 Type A 1 x microSD card slot (push-push type) 2 x 12 VDC-in barrel (screw-lock type)
Expansion Interface	1 x M.2 Key E 2230 slot (for the Wi-Fi/4G LTE)	

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 slot	
Watchdog Timer	255 levels, 0 ~ 255 sec.	
Onboard Graphics	Intel® UHD Graphics 620/610 (depends on CPU card)	
I/O Connector	Rear Side	1 x Power button with LED (depends on SDM I/O) 1 x HDMI output 1 x GbE LAN 4 x USB 3.0 Type A 1 x USB 3.0 Type C 1 x Audio output 1 x Microphone input
	Left Side	1 x Power button with LED 1 x HDMI output 1 x USB 3.0 Type A 2 x USB 2.0 Type A 1 x microSD card slot (push-push type) 2 x 12 VDC-in barrel (screw-lock type)
	Right Side	1 x Power button with LED 1 x HDMI output 1 x USB 3.0 Type A 2 x USB 2.0 Type A 1 x microSD card slot (push-push type) 2 x 12 VDC-in barrel (screw-lock type)
	Bottom	2 x SMA antenna reserved hole 12 VDC-in (for landscape) Mic-in/ USB 3.0 Line-out
	Top	LAN 2 x USB 3.0 Type-A 12 VDC-in LAN HDMI
	Top	Speakers
Expansion Interface	1 x M.2 Key E 2230 slot (for the Wi-Fi/4G LTE)	



Ordering Information

Standard	
ITC150WM	15.6" FHD TFT-LCD slim bezel modular panel PC without Intel® SDM CPU card
SDM300-S	15.6" FHD TFT-LCD slim bezel modular panel PC with Intel® SDM-S and Intel® Pentium® N4200 or Celeron® N3350 processor (depends on CPU card)
SDM500-L	15.6" FHD TFT-LCD slim bezel modular panel PC with Intel® SDM-L and Intel® Celeron® 4305UE processor or others (depends on CPU card)
Optional	
Add-on Module	SDM500-L & SDM300-S: 5MP webcam
Mounting Kit	SDM500-L & SDM300-S: wall mount kit
M.2 SSD	SDM500-L: FLEXXONs ACHIEVER M.2 2280-B-M 64GB
DDR4 SO-DIMM	SDM500-L: Innodisk 4GB DDR4-2400 260pin SO-DIMM Innodisk 8GB DDR4-2400 260pin SO-DIMM
Power Cord	SDM500-L & SDM300-S: AC power cord UE, L=1830 mm (P/N: 59903000000E) AC power cord US, L=1830 mm (P/N: 59902000000E)

Optional OS Installation

Windows® 10 full 64-bit
Windows® 10 IoT 64-bit

Dimensions

