

ITC241 NEW

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

Features

- 23.8" FHD TFT LCD
- 16:9 aspect ratio; 250 nits brightness
- Diamond-cut slim bezel under 47.5 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, a barcode scanner, and camera modules (optional)
- Supports a thermal printer with counter-top stand or floor stand (optional)
- Supports mounting kits (optional)



1. Antenna reserved holes
2. Power Button
Reset Button
3. LAN
4. 2 x USB3.0
5. Status LED



Specifications

LCD Panel	Display Type	23.8" FHD TFT LCD
	Brightness (cd/m ²)	250 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.P.L. 88dB, 1.5W, 4 ohm	
Power Supply	24V AC to DC power adapter	
Power Consumption	Average 65W	
Dimensions	580.3mm (22.8") x 47.5mm (1.9") x 354.7mm (14")	
Weight (net)	9.8kg (21.6 lb)	
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	eMMC 64GB onboard	
Watchdog Timer	255 levels, 1 to 255 sec.	
Onboard Graphics	Intel® HD Graphics 505/500 (depending 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 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 (depending on CPU card)	
I/O Connector	Rear Side	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
	Expansion Interface	1 x M.2 Key E 2230 slot (for Wi-Fi)

Packing List

1 x ITC241 with SDM module
1 x Adaptor

Ordering Information

Standard

ITC241-SDM300S-N4200 (P/N: TBD)	23.8-inch FHD 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
ITC241-SDM500L-i5-8365UE (P/N: TBD)	23.8-inch FHD PCAP touch slim bezel panel with SDM500L Intel® Core™ i5 8365UE processor, 2 SO-DIMM slot, 2 M.2 SSD slot, 1 LAN, 4 USB 3.0, 2 speaker, and 1 Mic-in/Line-out

*Other SDM module by request.

Optional Accessories

RFID module	
Barcode scanner module	
Camera module	
Thermal printer with counter-top stand or floor stand	
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

