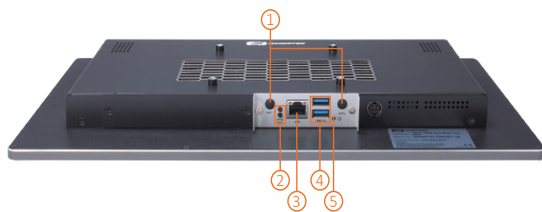


# ITC241 NEW

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



- |                                 |               |
|---------------------------------|---------------|
| 1. Antenna reserved holes       | 3. LAN        |
| 2. Power Button<br>Reset Button | 4. 2 x USB3.0 |
|                                 | 5. Status LED |

## 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, barcode scanner, and camera modules (optional)
- Supports a thermal printer (optional)
- Supports desktop stand, floor stand, and wall mount (optional)



## Specifications

|                                       |   |   |
|---------------------------------------|---|---|
| LCD Panel                             | Display Type  | 23.8" FHD TFT LCD   |
|                                       | Brightness (cd/m <sup>2</sup> )   | 250 nits  |
|                                       | Resolution  | 1920 (H) x 1080 (V)   |
|                                       | Aspect Ratio  | 16:9  |
| Main System                           | Intel® SDM Small (SDM-S, 60 x 100 mm)<br>Intel® SDM Large (SDM-L, 175 x 100 mm) |   |
| I/O Connector<br>(Depends on SDM I/O) | SDM500L   | 1 x Power button with LED<br>1 x GbE LAN<br>4 x USB 3.0 Type A<br>1 x Audio output<br>1 x Microphone input<br>2 x SMA antenna reserved hole |
|                                       | SDM300S   | 1 x GbE LAN<br>2 x USB 3.0 Type A<br>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<br>2 x USB 3.0 Type A<br>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<br>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<br>1 x GbE LAN<br>4 x USB 3.0 Type A<br>1 x Audio output<br>1 x Micphone input |
| Expansion Interface | 1 x M.2 Key E 2230 slot (for Wi-Fi)  |  |

### Ordering Information

**Standard**

|  |   |
|--|---|
| ITC241-SDM300S- N4200<br>(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<br>(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.

### Packing List

|                            |
|----------------------------|
| 1 x ITC241 with SDM module |
| 1 x Adaptor                |

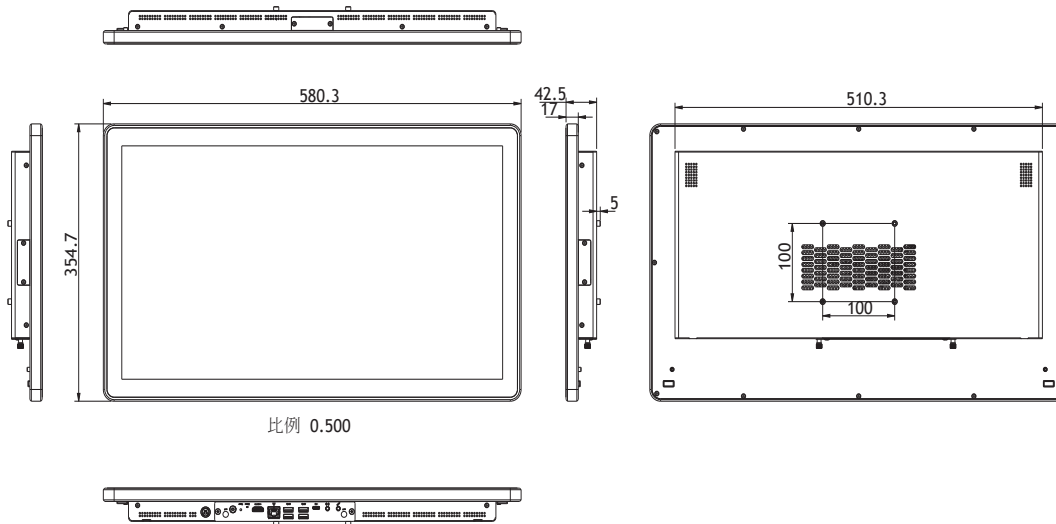
### Optional Accessories

|   |
|---|
| RFID module   |
| Barcode scanner module                                |
| Camera module   |
| Thermal printer with counter-top stand or floor stand |
| SSD M.2 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



## Assured Systems

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