

the best regional partners

# D150-12SI

## 15 inch touch Panel PC



D150-12SI is a 15 inch all in one panel pc system with Intel 7th & 6th Core-i based platform for rich performance. For different industrial touch application, it is also flexible to support either resistive touch or capacitive touch solution followed by IP65 protection rating in front. All of these are aiming to provide the most stable and reliable product solution for different environmental or industrial HMI applications.



### Retail Terminal

- Retail POS Terminal
- Self service Terminal
- Hospitality Terminal



### Display System

- Digital Signage Player
- Clinical Monitor
- Transportation Display



### Industrial Automation

- Automation Controller
- Embedded Device Dashboard
- Production Line Controller



Kabylake / Skylake Processor



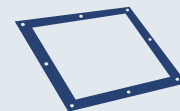
Resistive touch or P-cap Touch  
(Direct bounding with panel)



1024 x 768 SHARP industry panel



IP65 in front



Aluminum front bezel w / hairline pattern



2 serial port



Dual LAN



Full Regulation



## Product Spec and SKU

| LCD                    |   |   |     |
|------------------------|---|---|-----|
| Display Type           | 15" TFT-LCD   |   |     |
| Max. Resolution        | 1024 x 768  |   |     |
| Max. Colors            | 16M (8 bit/color)   |   |     |
| Luminance              | 350 cd/m <sup>2</sup>   |   |     |
| Viewing Angle          | 160° (H), 145° (V)  |   |     |
| LED Backlight (Hours)  | 50,000  |   |     |
| TOUCH SCREEN           |   |   |     |
| Type                   | P-CAP / resistive   |   |     |
| Touch Screen           | True-flat 10 points / single point  |   |     |
| SYSTEM                 |   |   |     |
| PH12SI                 | Processor   | 6&7th Generation Intel® Core™ i Series LGA1151 Socket Processor, TDP Max. 35W |     |
|                        | Chipset   | Q170  |     |
|                        | System Memory   | DDR4 2133MHz, 260-pin SO-DIMM x 2, Max. 32GB (Non-ECC)                        |     |
|                        | Ethernet  | Intel® I219-LM Giga LAN + Intel® I211-AT Giga LAN                             |     |
|                        | I/O Port  | DC Jack   | x 1 |
|                        |   | USB 3.0   | x 4 |
|                        |   | RJ45  | x 2 |
|                        |   | DP  | x 1 |
|                        |   | HDMI  | x 1 |
|                        |   | Line-out / Mic-in   | x 1 |
|                        | Watchdog Timer  | 1~255 steps by software program   |     |
|                        | Storage Disk Drive  | SATA 2.5" HDD / SSD bay x 1   |     |
| Expansion Slot         | 1 x PCI Express Full Mini Card slot   |   |     |
| Stereo Speaker         | 2W x 2  |   |     |
| OS Support             | KBL: Windows® 10 64bit, Linux (support by request)<br>SKL: Windows® 7 32/64bit, Windows® 10 64bit, Linux (support by request) |   |     |
| POWER REQUIREMENT      |   |   |     |
| Power Input            | DC 12V  |   |     |
| Power Adapter          | AC to DC, DC12V / 7A, 84W adapter   |   |     |
| MECHANICAL             |   |   |     |
| Mounting               | VESA 100/Stand  |   |     |
| Dimension              | 280 x 355 x 55 (mm)   |   |     |
| Weight                 | 5kg (11.1 lb)   |   |     |
| ENVIRONMENTAL          |   |   |     |
| Operating Temperature  | -20°C ~ 50°C  |   |     |
| Storage Temperature    | -20°C ~ 70°C  |   |     |
| Storage Humidity       | 10% ~ 90%@40°C non-condensing   |   |     |
| Vibration Resistance   | TBD   |   |     |
| Shock Resistance       | TBD   |   |     |
| EMC                    | CE, FCC Class A   |   |     |
| Front Panel Protection | IP65 Compliant  |   |     |

## Ordering Information

| SKU NAME | System I/O |           |           |           |               |                             |        |        |     |           | POWER                          |
|----------|------------|-----------|-----------|-----------|---------------|-----------------------------|--------|--------|-----|-----------|--------------------------------|
|          | Chipset    | Touch     | VGA / DVI | DP / HDMI | USB 3.0 / 2.0 | Line-in / Line-out / Mic-in | PS / 2 | R-S232 | LAN | Wifi / BT |                                |
| D150-SR  | Q170       | Resistive | 0 / 0     | 1 / 1     | 4 / 0         | 0 / 1 / 1                   | 0      | 2      | 2   | optional  | DC-in 12V (2.5mm/ID, 5.5mm/OD) |
| D150-SP  | Q170       | Pcap      | 0 / 0     | 1 / 1     | 4 / 0         | 0 / 1 / 1                   | 0      | 2      | 2   | optional  | DC-in 12V (2.5mm/ID, 5.5mm/OD) |

## Dimensions

