



HIGHNESS™

One of a kind

Industrial Display

IDC750UH001-xx01-yy

75" Industrial Panel PC



Release Date
11th Jun 2021

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HIGHNESS MICROELECTRONICS PVT LTD.

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1. Technical Specification

Screen Size	75" diagonal
Active Area (H x V)	1649.664 x 927.936 mm
Display Type	Active matrix TFT LCD with LED backlight
Resolution	3840 x 2160
Aspect Ratio	16:9
Pixel Pitch (H x V)	0.429 x 0.429 mm
Color	1.07Billion colors
Viewing Angle (H / V)	178° / 178°
Luminance	410 cd/m ²
Contrast	1200:1
Response Time	8 ms
In-Built System	i7 Processor 2.0 Ghz, Up to 8 GB RAM, Up to 1TB HDD (250 GB SSD Optional)
Output Signal	VGA / HDMI & VGA
USB Port	2.0 x 4
Network	LAN / Wi-Fi (Optional)
AUDIO	MIC Port & Headphone
Other Communication	LPT Port & Serial Port (Optional)
Power Input	AC 240V
Operating Temperature	0° to +50° C
Storage Temperature	-20° to +60° C
Backlight Life	30000 hours
Enclosure	MS Steel / Aluminum
Form Factor	Panel PC / Industrial Enclosure
Display Orientation	Landscape / Portrait
Mounting	Wall Mount

2. Touch Screens (Optional)

2.1 Projected Capacitive Touchscreen

Touch Screen Type	Projected Capacitive
Interface	USB / I2C / UART
Input Method	Finger
Transparency	≥ 80% (± 3%)
Haze	< 3%
Surface Type	Antiglare
Operating Force	10-80 g
Durability	3,000,000 touch at a single point
Hardness	> 3H
Capacitance	< 5 Nf
Supported OS	Windows / Linux

2.2 Infrared Touchscreen

Touch Screen Type	Infrared Touch Screen
Interface	USB
Input Method	Stylus or Finger
Transparency	90% ↑
Accuracy	2mm
Reaction Speed	8 ~ 12ms
Operating Force	0 g
Durability	No Driver 2~10 Point / Driver 2 ~255 Point
Supported OS	Windows / Linux

Model Numbers / Ordering Information

Model No.	Particulars	Details
IDC750UX001-i701-yy	i7 Base Model	With i7 Processor
IDC750UX001-xxxx-PT	Touch Screens	Projected Capacitive
IDC750UX001-xxxx-IR		IR Touch Screen

*(Manufacturer reserves the sole right to change the specifications without prior notice)
(Touch screen will reduce the original luminance of the LCD display)*