Industrial Display
IDC170SX001-xx01-yy
17" Industrial Panel PC

Release Date
26th Aug 2020

HIGHNESS MICROELECTRONICS PVT LTD.

1. Technical Specification

Screen Size		17" diagonal
Active Area (H x V)		337.920 x 270.336 mm
Display Type		Active matrix TFT LCD with LED backlight
Resolution		1280 x 1024
Aspect Ratio		5:4
Pixel Pitch (H x V)		0.264 x 0.264 mm
Color		16.2M
Viewing Angle (H / V)		170º / 160º
Luminance		350 cd/m²
Contrast		1000:1
Response Time		9 ms
In-Built System	Options	i5 Processor 3.1 Ghz, Up to 8 GB RAM, Up to 1TB HDD (250 GB SSD Optional)
		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		12V DC
Operating Temperature		-10º to +60º C
Storage Temperature		-20º to +70º C
Backlight Life		30,000 hours
Enclosure		MS Steel / Aluminum
Form Factor		Panel PC / Industrial Enclosure
Display Orientation		Landscape / Portrait
Mounting		VESA Standard

2. Touch Screens (Optional)

2.1 Projected Capacitive Touchscreen

Touch Screen Type	Projected Capacitive (Multi Touch)
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 Resistive Analog Touchscreen

Touch Screen Type	4/5 Wire Resistive
Interface	USB
Input Method	**Stylus or** Finger
Transparency	≥ 85% (± 3%)
Haze	< 3%
Surface Type	Antiglare
Operating Force	70-100 g
Durability	1,000,000 touch at a single point
Hardness	> 3H
Supported OS	Windows & Linux

Model Numbers / Ordering Information

Model No.	Particulars	Details
IDC170SX001-i501-yy	i5 Base Model	With i5 Processor
IDC170SX001-i701-yy	i7 Base Model	With i7 Processor
IDC170SX001-xxxx-PT	Touch Screens	Projected Capacitive Touch Screen
IDC170SX001-xxxx-RT		4 Wire Resistive Analog
IDC170SX001-xxxx-5RT		5 Wire Resistive Analog

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