

# JTOUCH SERIES 40 - INF8640E



## Total Touch Control™

With 4K resolution, Total Touch Control™, built-in education features, and an open Android platform, the JTouch INF8640e is a fully customizable, all-in-one teaching, collaboration, and presentation solution.

SkyBond manufacturing process provides Improved touch performance reducing the parallax to improve usability to a near “pen on paper” experience.

## Features & Benefits

### SkyBond Engineered for Intuitive Touch

This manufacturing process is designed to improve touch performance by reducing the parallax, improving usability to a near-“pen on paper” experience. 5th-generation infrared touch with 20 touch points helps make it easy to quickly pull up menu options with intuitive touch gestures and allows multiple users to engage simultaneously.

### High Brightness Design

The JTouch helps you get your message across and connect with your audience with its 450 cd/m<sup>2</sup> of brightness, providing enhanced color and clarity. Combined with its 4K UHD native resolution, your images, text, and video will be seen in spaces with high ambient light.

### Open Android Platform

Expand and customize the platform with nearly any Android application or game. Just download and install the application you want that's designed for interactive displays.

### Interactive Whiteboard Functionality

Brainstorm, capture, save, and share your ideas on an interactive whiteboard with virtually no borders or barriers. Use a collection of digital pens, shapes, lines, and colors to create and draw on a multi-screen canvas. Paste backgrounds and images onto a whiteboard, annotate on top, and save it for the future. Intel Core™ i7-10700, 16GB Memory, 512GB SSD, Intel UHD Graphics 630

### Annotation of Inputs

Capture the moment and add comments and diagrams to images from all connected inputs. Save these to the whiteboard or as a picture for future use with the quick annotation menu tool.

### Included Wi-Fi Adapter & Optional Computer Module

With the included wireless adapter installed, participants can connect and share content securely from Windows and Mac computers, tablets, and smartphones to enhance collaboration and productivity in meetings. Add an optional computer module to expand the display's performance and software capabilities.

## Display

Screen Size (Diagonal)	86"
Backlight	D-LED
Native Resolution	4K
Pixels	3840 x 2160
Aspect Ratio	16:9
Contrast Ratio	1200:1
Dynamic Contrast Ratio	4000:1




Brightness (Maximum cd/m2)	450
Response Time (ms)	8
Display Colours (billion)	1.07
Refresh Rate (Hz)	60
Viewing Angle (H-V°)	178 / 178
Viewable Area (mm / in)	
Glass Treatment (mohs)	Antiglare Anti fingerprint, 7
Glass Thickness (mm)	4
Sensors	-
Audio (w)	2 x 12
Lifetime Maximum (hrs)	30000
Frame Material	Steel

## Connectivity

### Inputs

Mini D-sub 15-pin (VGA)	
HDMI™ 2.0	 
HDMI™ 2.0 with ARC	
USB-A 2.0	
USB-A 3.0	  
USB-C	
USB-B	 
3.5 mm Stereo Mini Jack	
RJ45 - Lan 10/100/1000	

### Outputs

3.5 mm Stereo Mini Jack	
SPDIF	
HDMI™ 2.0	
RJ45 - Lan 10/100/1000	
Other	
Wi-Fi 802.11a,n,ac,ax	
Bluetooth 2.1, 3, 4, 4.1, 4.2, 5	
Open Pluggable Specification (OPS) Slot	

## Power

Power Supply (V / Hz)	AC 100 - 240, 50/60
Power Consumption Max[W]	400
Power Consumption Network Standby (W)	<2.0
Power Consumption Standby (W)	<0.5

## Touch System

Touch Technology	IR
Touch Points Maximum	20
Typical Response Time (ms)	<10
Accuracy (mm)	+/- 1.5
Minimum Object Size Single Touch (mm)	>3

Minimum Object Size Multi Touch (mm)	>8
Supported Operating Systems	Windows, Linux, Mac OS, Chrome

## Embedded System

Operating System & Version	Android 8
System on Chip (SoC)	
Central Processing Unit (CPU)	ARM Cortex™ A73 ARM Cortex™ A53
Graphics Processing Unit (GPU)	ARM Mail G51
Random Access Memory (RAM)	3
Read Only Memory (ROM)	16
Included Applications	Whiteboard, Browser, Finder, LightCast2, Annotation, WPS Office, Stopwatch, Screen Capture, Palette, Keeper, Visulizer, Welcome, Cloud Drive, SpotLight, Screen Recording, Timer,

## Optional Upgrades

- i5 Intel PC Unit
- i7 Intel PC Unit

## General

Dimensions (W x H x D) [mm / in]	1957.1 x 1160 x 88 / 77.05 x 45.67 x 3.46
Weight [kg / lb]	66.3 / 145.86
Shipping Dimensions (W x H x D) [mm / in]	2123 x 1345 x 280 / 83.58 x 52.95 x 11.02
Shipping Weight [kg / lb]	90.9 / 199.98
Mounting VESA MIS-F	800 x 600
Operating Temperature [°C / F]	0 ~ 40 / 32 ~ 104
Operating Humidity [%]	10 ~ 90
Operating Altitude (m / ft)	<5000 / >16404
Storage Temperature [°C / F]	-20 ~ 60 / -4 ~ 140
Storage Humidity [%]	10 ~ 90
Security	PIN, Kensington Lock
In the Box	Remote Control (no batteries), 2x Syllus, Power Cord, 3m USB A to B, 3m HDMI, QSG, WiFi Module
Safety and Regulatory	CB, CE EMC, IC, FCC, cTUVus, NOM, EAC, BIS
Environmental	RoHS, WEEE, EU Energy

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