JTOUCH SERIES 50 - INF8650

jtouch

LightCast 3 LightStore LightServer LightManager

Flagship Product Line, Breakthrough Performance.

Cutting-edge technology at a competitive price point. For a more connected and engaging collaboration experience in class and meeting rooms. InFocus JTouch 50 Series offers ease of use bringing capability to the room without complexity for a proven return on your technology investment. It is simple to deploy and support, leading to a lower total cost of ownership.

Designed and built with 2nd generation zero bonding technology and 3mm hardened anti-glare glass. Elegant narrow two-tone bezels, concealed snap-in wireless module, magnetic pen holders, and stereo 20-watt speakers all provide an outstanding crystal clear audio-visual and multi-touch experience more significant than ever before.

Our most advanced JTouch running Android 9 is controlled by the MediaTek 9950 SoC with the ARM Cortex™ A73 Quad Core 1.8Ghz. This powerful combination increases the computing performance up to 68% and delivers flawless 4K video performance.

Features & Benefits

CASTING & COLLABORATION WITH LIGHTCAST 3 & WIFI 6

The dual-band MU-MIMO wireless module provides the latest WiFi-6 standard supporting multiple device connections, reduced latency, and throughput speeds of up to 9.6 Gigabits per second. This latest technology provides the base connection for seamless casting and collaboration capabilities of the LightCast3™ software for meetings over a local network or via the JTouch hotspot for additional security.

USB-C A SINGLE CABLE SOLUTION

Easily connect USB-C devices through the 50 series's USB-C port with up to 65-watt power delivery. USB-C supports video, audio, touch, data, and power output for charging laptop devices quickly over a single cable.

LIGHTMANAGER™ & LIGHTSTORE™

Users can easily search for and install from a curated selection of apps in the InFocus LightStore or use the built-in Cloud Drive app for

RUN ANDROID OR MICROSOFT

All the flexibility you need our powerful ar flexible computing modules to give you t freedom to choose the interactive display

accessing documents on OneDrive™ or Google Drive™. Creative meetings and classroom lessons are enhanced with annotation anywhere, viewing Office files, creating whiteboards, and so much more. Administrators can use the InFocus LightManager software to manage the deployment of apps, release firmware updates, deploy settings, and schedule alert messages all remotely.

operating system that works best for your daily needs and IT ecosystem. Intel Core™ i5 & i7 10th Gen available for the INF6550, INF7550, and INF8650. Intel Core™ i5 & i7 11th Gen for the INF9850. Intel Core™ i5 10th Gen-10400, 8GB Memory, 256GB SSD PN- PC-i5-10400-8256
 Intel Core™ i7 10th Gen-10700, 16GB Memory, 256GB SSD, P/N- PC-i7-10700-16512

SENSITIVE, THOUGHTFUL DESIGN

Designed and built with 2nd generation zero bonding technology, eliminates reflection between the screen glass and LCD cell resulting in improved contrast, higher levels of brightness, and responsive touch for a smooth and intuitive writing experience. The 3mm hardened anti-glare glass, elegant narrow lightweight two-tone bezels, concealed snap-in wireless module, magnetic pen holders, and stereo 20-watt speakers all provide an outstanding crystal clear audio-visual and multi-touch experience more significant than ever before.

BREAKTHROUGH PERFORMANCE

Our most advanced JTouch is controlled by the MediaTek 9950 SoC with the ARM Cortex™ A73 Quad Core 1.8Ghz. This powerful combination increases the computing performance up to 68% over earlier generations and delivers flawless 4K video performance.

Display

Screen Size (Diagonal)	86"
Backlight	D-LED
Native Resolution	4K
Pixels	3840 × 2160
Aspect Ratio	16:9
Contrast Ratio	1200:1
Dynamic Contrast Ratio	5000:1
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)	1895 × 1066 / 75 × 42
Glass Treatment (mohs)	Antiglare, 7
Glass Thickness (mm)	3.2
Sensors	Light
Audio (w)	2 × 20
Lifetime Maximum (hrs)	50000
Frame Material	Aluminium

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]	550
Power Consumption Network Standby (W)	<2.0
Power Consumption Standby (W)	<0.5

Touch System

Touch Technology	IR
Touch Points Maximum	40
Typical Response Time (ms)	<10
Accuracy (mm)	+/- 1
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 9
System on Chip (SoC)	MT9950 (S900) 8K
Central Processing Unit (CPU)	ARM Cortex™ A73 Quad Core 1.8Ghz
Graphics Processing Unit (GPU)	ARM Mail G52 MC2
Random Access Memory (RAM)	4
Read Only Memory (ROM)	32
Included Applications	Whiteboard, Browser, Finder, LightCast3, Annotation, WPS Office, Stopwatch, Screen Capture, LightServer, LightManager, LightStore, Palette, Keeper, Visulizer, Welcome, Cloud Drive, SpotLight, Screen Recording, Timer,

Optional Upgrades

Intel® Core™ i5 10th Gen Slot-In PC	PC-I5-10400-8256
Intel® Core™ i7 10th Gen Slot-In PC	PC-I7-10700-16256

General

Dimensions (L x W x H) [mm / in]	1957 × 86 × 1159 / 77 × 3.4 × 45.6
Weight [kg / lb]	64.6 / 142.4
Shipping Dimensions (L x W x H) [mm / in]	2110 × 225 × 1283 / 83.1 × 8.9 × 50.5
Shipping Weight [kg / lb]	82.3 / 181.4
Mounting VESA MIS-F	800 × 600
Operating Temperature [°C / F]	0 ~ 40 / 32 ~104
Operating Humidity [%]	10 ~ 90
Operating Altitude (m / ft)	<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 Sylus, 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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