JTOUCH 10 SERIES - INF5510

A Brighter Audio Visual World

ANDROID 11

The 55″ INF5510 interactive touch displays with an integrated Android 11 operating system offer the perfect solution for education and commercial environments with an unbeatable price-performance ratio and cost of ownership. We combine the latest hardware and software with the Android 11 operating system and Amlogic’s T982 system on chip processor resulting in subtle but meaningful performance improvements across the whole JTouch 10 Series lineup. The anti-glare coating and hardened scratch-resistant finish of the native 4K (3840 × 2160 – 8.3MP) resolution high-performance commercial-grade screen of the INF5510 drastically reduces ambient reflection in high brightness environments without compromising the sharpness and clarity of the image.

NEW FEATURES

With up to 40- point touch, dual touch pens, allowing users to annotate effortlessly, connected cloud drive, and split-screen for apps all take advantage of the overall performance capabilities of the JTouch 10 Series. The concealed snap-in wireless module allows Sharing, streaming and even editing content from any device directly on the screen. Transform your team meetings or lessons into an easy, fast and seamless interactive session. Elegant narrow matt two-tone bezels, concealed wireless module, magnetic pen holders, and stereo front-facing 10-watt speakers result in a fully rounded product for educational and commercial environments.

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 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.

RUN ANDROID OR MICROSOFT

All the flexibility you need our powerful and flexible computing modules to give you the freedom to choose the interactive display operating system that works best for your daily needs and IT ecosystem. Optional Open Pluggable Specification (OPS) computing with Intel Core™ i5 or i7 11th Gen processors provides the ability to run Windows in addition to Android on the same display hardware.

SENSITIVE, THOUGHTFUL DESIGN

Designed and built with zero bonding technology, it 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 10-watt speakers all provide a great crystal clear audio-visual, multi-touch experience.

NATIVE 4K RESOLUTION

Native 4K resolution and controlled by the Amlogic T982 SoC with the ARM Cortex™ A55 Quad Core 1.4Ghz. Delivering outstanding clarity and video performance.

Display

Screen Size (Diagonal)	55"
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)	400
Response Time (ms)	8
Display Colours (billion)	1.07

Refresh Rate (Hz)	60
Viewing Angle (H-V°)	178 / 178
Viewable Area (mm / in)	1210 × 680 / 48 × 27
Glass Treatment (mohs)	Antiglare, 7
Glass Thickness (mm)	3.2
Sensors	Light
Audio (w)	2 × 10
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	✅
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]	350
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 .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 11
System on Chip (SoC)	Amlogic™ T982
Central Processing Unit (CPU)	ARM Cortex™ A55 Quad Core 1.4Ghz
Graphics Processing Unit (GPU)	ARM Mail G52 MC2
Random Access Memory (RAM) GB	4
Read Only Memory (ROM) GB	32
Included Applications	Whiteboard, Browser, Finder, LightCast3, Annotation, W Office, Stopwatch, Screen Capture, LightServer, LightMo

	LightStore, Palette, Keeper, Visulizer, Welcome, Cloud Drive, SpotLight, Screen Recording, Timer,

Optional Upgrades

Intel® Core™ Gen i5-1135G7 Processor, 8GB RAM, 256GB ROM OPS	OPS-i5-1135G7-8256
Intel® Core™ Gen i7-1165G7 Processor, 16GB RAM, 256GB ROM OPS	OPS-i7-1165G7-16256

General

Dimensions (L x W x H) [mm / in]	1271 × 87 × 774 / 50.3 × 3.4 × 30.5
Weight [kg / lb]	26.1 / 57.4
Shipping Dimensions (L x W x H) [mm / in]	1401 × 220 × 859 / 55.2 × 8.7 × 33.8
Shipping Weight [kg / lb]	34.45 / 75.8
Mounting VESA MIS-F	400 × 200
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 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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