NEXA VIEW SERIES

NX-FP5110

110" 4K AI Interactive Flat Panel

Your Security. Your Control. Your Future.

4K UHD	6 TOPS	40-Point	110"
3840 × 2160 RESOLUTION	ON-DEVICE AI ENGINE	MULTI-TOUCH WRITING	PANEL SIZE

01 OVERVIEW

The **NX-FP5110** is a 110-inch 4K interactive flat panel built on NexaOS 5 with a 6 TOPS on-device AI engine — so lesson planning, live translation and handwriting recognition run on the panel itself rather than in the cloud. 40-point multi-touch on a Mohs 7 anti-glare surface delivers sub-8 ms writing latency, while a built-in OPS slot adds full Windows alongside Android without a second device. Flagship large-format for auditoriums and command centres.

02 KEY FEATURES

01 On-Device 6 TOPS AI Engine
Lesson generation, speech-to-text and live translation run locally — no cloud round-trip, no per-seat subscription.

02 40-Point Multi-Touch, Sub-8 ms
Ten users write at once with near-zero lag on Mohs 7 anti-glare zero-bonded glass.

03 Dual OS Without a Second PC
Android 16 for instant-on teaching; the built-in OPS slot adds full Windows i3/i5/i7.

04 NexaBoard AI Whiteboard
Shape and formula recognition, math graphing, split-screen compare and live polling — licence-free for the life of the panel.

05 NexaCast Wireless Sharing
Cast from any laptop, tablet or phone with four sources on screen at once.

06 Nexakey Cloud + NexaManage
Central OTA updates, app push and live status across every panel in the estate.

03 APPLICATIONS

- Classrooms & Lecture Halls
- Corporate Boardrooms
- Training Centres
- Government Briefing Rooms
- Hospital Conference Rooms
- Hybrid Meeting Spaces

04 PACKAGE CONTENTS

- Display Panel
- Wall Mount
- Stylus × 2
- Remote
- Power Cable
- Quick Guide

nexakey

Your Security. Your Control. Your Future.

Smart security & automation solutions — access control, biometric attendance, and smart locks for homes and businesses.

CONTACT
thenexakey.com
info@thenexakey.com
+86 198-7551-4301

ADDRESS
H020 3/Farid, 42–46 Tai Lin Pai Rd,
Kwai Chung, Hong Kong

© 2026 Nexakey. All rights reserved.

04 TECHNICAL SPECIFICATIONS

DISPLAY & PANEL	
Screen Size	110" diagonal
Resolution	4K UHD 3840 × 2160
Panel Type	DLED, 16:9
Surface Glass	Mohs 7 tempered, anti-glare
Bonding	Zero bonding (no air gap)

TOUCH & WRITING	
Touch Technology	Infrared multi-touch
Touch Points	40 (Windows) / 20 (Android)
First-Point Response	< 8 ms
Input	Dual pen, finger and palm erase

COMPUTE & SYSTEM	
Processor	Octa-core 1.2 GHz
AI Engine	6 TOPS NPU
Memory	8 GB DDR4
Storage	128 GB eMMC
OPS Slot	Built-in — Intel i3 / i5 / i7 optional

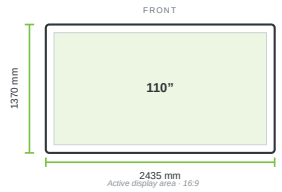
NEXAKEY SOFTWARE	
Operating System	NexaOS 5 (Android 16 core)
Whiteboard	NexaBoard AI
File Manager	NexaFiles (20+ formats)
Wireless Casting	NexaCast (4-way split)
Cloud Platform	Nexakey Cloud
Device Management	NexaManage MDM / OTA

AUDIO, CAMERA & NETWORK	
Speakers	2 × 20 W stereo
Subwoofer	20 W (optional)
Camera	48 MP AI, auto-framing (optional)
Microphone	8-mic array (optional)
Wireless	Dual-band Wi-Fi; Wi-Fi 6 optional

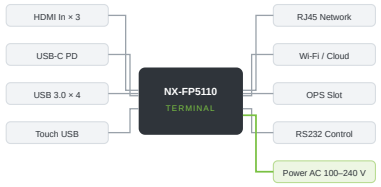
CONNECTIVITY & GENERAL	
Video In	HDMI In × 3
USB	USB × 4, USB-C (65–100 W PD)
Control & Data	RJ45, RS232, TF, Audio I/O
Front Ports	USB-C, HDMI In, USB 3.0 × 3, Touch USB
Power Supply	AC 100–240 V, 50/60 Hz
Active Area (16:9)	2435 × 1370 mm
Mounting	VESA wall mount, trolley optional
Warranty	36 Months

05 DIMENSIONS, CONNECTIVITY & DEPLOYMENT

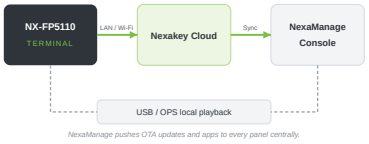
SCREEN DIMENSIONS



INTERFACE CONNECTIONS



MANAGED DEPLOYMENT



06 CERTIFICATIONS

COMPLIANCE CE · FCC · RoHS · ISO 9001

Specifications subject to change without notice.

07 NEXA VIEW SERIES RANGE

#8221;#8221;#8221;#8221;#8221;

MODEL	SIZE	CONFIGURATION	AVAILABILITY	
NX-FP565	65	65“	4K · 6 TOPS AI · 40-pt touch	Stocked
NX-FP575	75	75“	4K · 6 TOPS AI · 40-pt touch	Stocked
NX-FP586	86	86“	4K · 6 TOPS AI · 40-pt touch	Indent order
NX-FP598	98	98“	4K · 6 TOPS AI · 40-pt touch	Project order
NX-FP5110	**110**	**110“**	**4K · 6 TOPS AI · 40-pt touch**	**Project order**

Availability indicative — confirm lead time with your Nexakey distributor at order.

nexakey

Your Security. Your Control. Your Future.

Smart security & automation solutions — access control, biometric attendance, and smart locks for homes and businesses.

CONTACT
thenexakey.com
info@thenexakey.com
+86 198-7551-4301

ADDRESS
H020 3/Farid, 42–46 Tai Lin Pai Rd,
Kwai Chung, Hong Kong