

NEXA NEX-INFINITY 65" Interactive Flat Panel

The **NEXA NEX-INFINITY 65" Interactive Flat Panel** is a professional large-format collaboration and presentation solution designed for modern **meeting rooms, classrooms, command centers, hospitals, and banks**. It combines an ultra-HD 4K display, intelligent touch interaction, wireless screen sharing, video conferencing, and advanced AI-powered features in an integrated all-in-one platform.



Model / Part No.: **NEX-INFINITY 65**

Key Functions:

Function	Description
AI-Powered Camera & Microphone	Built-in 48MP camera with 8-array microphone
Wireless Screen Sharing	Multi-device wireless content sharing and control
Real-Time Collaboration	Interactive writing, presentation and content control
Handwriting Recognition	Natural writing with intelligent handwriting recognition
AI Auto Framing	Automatically frames participants during video conferencing
Gesture Control	Intelligent gesture-based interaction
Split-Screen Mode	Supports multiple content sections on one display
Screen Grouping	Supports multiple wireless transmissions
Host Mode	Centralized control for wireless collaboration

Full Specifications:

Specification	Details
Brand	NEXA
Model / Part No.	NEX-INFINITY 65
Product Type	Interactive Flat Panel
Display Size	65 Inch
Active Area	1428.48(H) × 803.52(V) mm
Pixel Pitch	0.372 x 0.372 mm
Bezel / Frame	Aluminum Frame
Backlight	Direct Type LED
Resolution	3840 × 2160 @ 60Hz
Aspect Ratio	16:9
Panel Grade	A+
Display Lifetime	Minimum 50,000 Hours
Dynamic Contrast Ratio	5000:1
Display Colors	1.07 Billion Colors
Brightness	450 cd/m ²
Viewing Angle	178°
Glass Hardness	Mohs-7 Level
Screen Surface	Anti-Glare, Anti-Fingerprint & Tempered Glass
Minimum Object Size	1 mm (Over 90% Area)
Touch Technology	IR Touch
Touch Points – Windows	40 Points
Touch Points – Android	20 Points
Multi-Writing	Yes
Auto Calibration	Yes
Touch Precision	1 mm (Over 90% Area)
Touch Response Time	<8 ms
Operating Systems	Windows 7/8/10/11, Android, Mac, Linux, Chrome OS
Front USB Ports	USB 3.0 × 2
Front Touch Interface	IR Touch
Audio System	60W Audio Units
Treble / Bass	20W × 2 Treble + 20W Bass
HDMI IN	2.0
HDMI OUT	Supported
USB 2.0	Supported
USB 3.0	Supported
Type-C	Supported
RJ45 / LAN	Supported
Touch Interface	Supported
Audio IN / OUT	Supported
VGA	Supported
DP	Supported
OPS Slot	80-Pin OPS Slot
Wi-Fi	Wi-Fi 6 (2.4G + 5G) Dual Band
Bluetooth	Supported

Camera	Built-in 48MP Wide-Angle Auto-Framing Camera
Camera Viewing Angle	120° ± 3° (Ø7.2mm)
Microphone	8-Array Microphone
Microphone Coverage	Up to 10m
Operating System	Android 13 or Higher
Chipset	Amlogic 311D2
CPU	A73 × 4 + A53 × 4, 2.28GHz Octa-Core
GPU	G52 MP8
RAM	8GB DDR4
ROM / Storage	128GB
Video Decoding	Supports 4K H.265 Decoding
Image Formats	JPG / JPEG / BMP / PNG and Other Formats
Power Input	100–240V AC
Power ON/OFF	Yes
Standby Power Consumption	<0.5W
Operating Power Consumption	<290W
Camera Function	Auto Framing
Microphone Function	8-Array Audio Capture
Wireless Screen Sharing	Supported
QR Code File Sharing	Supported
Handwriting Recognition	Supported
Gesture Control	Supported
Speaker Auto-Centering	Supported
Auto-Framing	Supported
Security Features	Digital Password & Gesture Password
Compatible Video Conferencing	Nexa Video Conference Software
Application Environment	Meeting Rooms, Classrooms, Command Centers
Additional Applications	Hospitals, Banks and Indoor Collaboration Spaces
Accessories	Wi-Fi Dongle, Ink Pens, Remote Control, Power Cord, HDMI Cable, USB Touch Cable, Wall Mount Kit

The NEX-INFINITY series is positioned as an all-in-one collaboration platform integrating professional video conferencing, screen sharing, interactive whiteboarding, and audiovisual functions.