

3863RK-N2

Creative Touch 3 Series 86" interactive flat panel display



Introducing the New Creative Touch 3 Series Gen 3 by Optoma

Education is evolving, and classrooms require tools that are not only powerful and user-friendly but also future-ready. The New Creative Touch 3 Series Gen 3 by Optoma rises to the occasion as the next-generation, Google EDLA-certified Interactive Flat Panel Display (IFPD). Designed to meet the needs of educators, administrators, and students alike, it empowers modern learning environments with cutting-edge technology, seamless integration, and exceptional performance.



Why the New Creative Touch 3 Series Gen 3?

The New Creative Touch 3 Series Gen 3 redefines the concept of high value, offering cutting-edge technology at an accessible price point. Designed with educators in mind, this teacher-friendly interactive display features AI-enabled tools for whiteboarding and collaboration, empowering you to unleash the potential of a connected classroom experience. Whether you're an educator, IT admin, or school leader, this IFPD delivers exceptional quality, seamless Google integrations, and robust device management capabilities—bringing innovation and simplicity to every learning environment.

Affordability Meets Performance:

Get the best of Optoma and Google solutions at a reasonable price, without compromising on quality.

Google EDLA Certified:

Guaranteeing system stability, compatibility, and security for peace of mind with the latest Android OS.

Exceptional Performance:

Smoother interactions with 8-core processing and Android 14 powered OS, 6 tops NPU (AI computing). Zero bonding for increased touch sensitivity and more natural pen-to-paper experience.

Excellent Display Quality:

High brightness 4K UHD interactive display with 450 nits and wide viewing angle provides excellent display quality.

Expandable Storage: Never worry about running out of space with the expandable ROM via SD card slot.

Interactive Whiteboard: Inspire students with a built-in whiteboard that features a floating toolbar, AI-powered collaborative tools, and a range of improved templates for an engaging learning experience.

Access to Popular Education Apps: With access to Google Play Store and compatibility with Windows and Apple platforms, you can use your favorite education apps seamlessly.

Google Classroom Integration: Keep using the tools you're already familiar with, such as Google Classroom, for a streamlined teaching experience.

Enhanced Distance Learning Capabilities: Stay connected with Cloud Whiteboard, Whiteboard Web, and DisplayShare for effective distance learning solutions.

Device Management: Control, monitor, and manage your devices both locally and remotely with the latest Optoma Management Suite, making it easier for administrators

to maintain system performance, with new broadcast and signage features. (Optoma™). All other product names and company names used herein are for identification purposes only and may be trademarks or registered trademarks of their respective owners other than Optoma, and Optoma disclaims any and all rights in these marks. All specifications are subject to change without notice. All images are for representation purposes only and may be simulated or AI generated content.

Rich Connectivity: Front, rear and side I/O ports, Wifi 6/Bluetooth (optional), expandable

Rich Connectivity: Front, rear, and side I/O ports, Wi-Fi 6/6E (optional), expandable storage, intuitive front keypad and Type-C for video and touch signals.

Safety First: Anti-glare, anti-scratch, low blue light filter, and ambient light sensor, flicker free.

Making Sure Everyone Can Hear: With powerful 40W stereo speakers combined

Compliance and Efficiency: Complies with Crestron® standards, enhancing overall system compatibility and management efficiency.

The Creative Touch 3 Series Gen 3 by Optoma redefines the classroom experience with its advanced features and thoughtful design. Whether you're looking to simplify teaching, enhance student engagement, or create a tech-forward learning environment, this IFPD provides the tools you need to succeed. Experience the future of education with Optoma today.

Specification



Display

Back light	Direct type LED
Size (diagonal)	86"
Resolution	3840 x 2160
Brightness	500 cd/ m2
Contrast ratio (Dynamic)	16,000:1
Viewing angle	178°
Life	50,000 hours
Speaker count	2
Watts per speaker	20W
Glass	4Anti Glare + Anti Finger Print
Ambient light sensor	Yes
Haze	25%
Surface hardness	9H
Air Gap	Gen 2 Zero Bonding (0 ~ 0.8mm)

Physical spec

Dimensions (W x D x H)	1981 x 112 x 1187
Wall-hanging screw spec	M8*25mm
VESA holes	800*400
In the box	Power Cord
	USB Touch Cable 3M
	HDMI Cable 3M
	Type C Cable 2M
	Writing Pen x2
Connections	Remote Control
	QSG
	Inputs
	HDMI 2.0 x3,
	VGA x1,
	DisplayPort x1,
	Audio3.5mm x1,
	USB 3.0 x5,
	RJ45 x1,
	USB-C x2,
	Microphone x1,
	OPS slot x1,
	SD card x1
	Outputs
	HDMI 2.0 x1,
Bezel size (top)	S/DPDIF x1,
	Audio 3.5mm x1,
	RJ45 x1
	Control
	USB Touchport x2,
	RS232 x1
	Bezel size (bottom)
	58.70mm
	Bezel size (left)
	28.60mm
Operating conditions	Bezel size (right)
	28.60mm
	Operating temperature (min)
	-10°C
	Operating temperature (max)
	40°C
	Net weight
	64.5 kg
	Gross weight
	81.5 kg
Wireless - technology	Wifi 6, 2.4G/5G, 2T2R, BT5.2 (AZ932-HNG optional)
	Wireless - operating frequency
	2.4G/5G

Specification

Touch system

System	Windows 7/8/10/WindowsXP/11/Linux/Mac/Android
Touch accuracy	<1.00mm
Touch point	40 android / 50 windows
Touch tool	Finger, Passive infrared pen
Pen/finger detection	Yes
Sensing type	Ultra Fine IR

Power

Power supply	100-240V~ 50/60Hz 3.5A
Power consumption (standby)	0.5W
Power consumption (max)	450W

Operation System

System version	Android 14
CPU	Octa-core A72 x4 + A53 x4
GPU	G52 MC3
RAM	8GB
Storage	128GB
OSD / display languages	20 languages: Arabic, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Italian, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish

Certification

TUV Low Blue Light	Hardware Solution
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