

BenQ 75" Interactive Flat Panel Display(9H.F83TK.DE5)

BenQ Pro Series RP7503 - 75" Diagonal Class LED-backlit LCD display - education / business - with touchscreen (multi touch) / NFC reader/writer - 4K UHD (2160p) 3840 x 2160



Encourage active participation in class while protecting student and teacher health with a BenQ's interactive display for education.

Key Selling Points

- Powerful in every way
- Defend against the spread of germs
- A breath of fresh air
- Maximum eye protection
- Discover another ways to teach
- Tap and teach
- A more flexible teaching experience
- Quick access
- Microphone array
- Convenient connectivity
- Voice assistant
- Captivate your class
- Immersive audio and visuals
- Teach anywhere
- Plug and teach
- IP5X dust protection

Product Features

Powerful in every way

Equip your students with the BenQ's interactive display designed to help them learn proactively, think creatively, and interact safely.

Defend against the spread of germs

Reduce surface transmission with ClassroomCare germ-resistant screens. The touchscreen and front ports are made with a proprietary TÜV-certified formula that is 99.9% effective against common germs.

A breath of fresh air

Poor indoor air quality negatively affects student health and performance. An exclusive built-in air quality sensors allow you to monitor CO₂ and PM_{2.5}, and formaldehyde levels in the classroom so you can regulate airflow accordingly.

Maximum eye protection

The RP03 is the interactive display to meet Eyesafe standards, offering a high level of protection. By minimizing high-energy blue light emission, the RP03 reduces eye strain while maintaining vivid, true-to-life colors.

Discover another ways to teach

Teach with confidence knowing all the classroom tools you need to give great lessons are always a tap away.

Tap and teach

Save time by securely accessing your files with a simple tap. Using an NFC card, you can access your cloud storage and load personal settings on any BenQ Pro series display.

A more flexible teaching experience

Everything you need to give immersive lessons is already built-in. Teach from anywhere in the classroom without external devices or additional software.

Quick access

Start a whiteboarding session, enable screen sharing, and access your files on the RP03 with a single tap.

Microphone array

Let lessons be heard clearly using the 8 built-in microphones with echo cancellation and noise reduction.

Convenient connectivity

The RP03 comes with all the front ports classrooms need, allowing you to display screens, charge devices, and enable touch.

Voice assistant

Teach from anywhere in the classroom with the remote control and voice typing for increased accessibility.

Captivate your class

Encourage active participation at every lesson with a wide variety of teaching tools that make classes fun. Whether you're teaching in person or holding a hybrid class,keep your students engaged and boost their learning retention.

Immersive audio and visuals

Experience great audiovisuals on the interactive display with rich Dolby Digital Plus sound on the built-in speakers with subwoofer and crystal-clear 4K UHD images.

Teach anywhere

Always be ready to learn from home. With a slot-in PC or the InstaShare Button,the RP03 is compatible with different videoconferencing software.

Plug and teach

Teach students joining from home or participate in remote events as a class on the RP03 with a dedicated port for cameras.

IP5X dust protection

The RP03 panel meets IP5X standards to ensure consistent operation,even in dust-prone environments.

Main Specifications

Product Description	BenQ Pro Series RP7503 75"LED-backlit LCD display - 4K - for education / business
Product Type	LED-backlit LCD flat panel display with touchscreen (multi touch) / NFC reader/writer
Diagonal Class	75"
Commercial Use	Yes - education / business
Resolution	3840 x 2160
Display Format	4K UHD (2160p)
Video Interface	HDMI
HDMI Ports Qty	3 ports
Connectivity	Wi-Fi,LAN,NFC
PC Interface	VGA (HD-15),DisplayPort
Technology	IPS
LCD Backlight Technology	LED backlight
Image Aspect Ratio	16:9
TV Tuner	No tuner
Picture Enhancements	72% Colour Gamut NTSC
Speaker System	2 speakers,subwoofer
Storage Capacity	64 GB
USB	9 ports
Included Accessories	Remote control,remote control,2 styluses,pen tray,wall mount,power cable (3 m),X.Sign Broadcast,Floating Tool,EZWrite 6.0,InstaShare 2
Voltage	AC 100-240 V (50/60 Hz)
Power Consumption Operational	90.1 Watt
Power Consumption Stand by	0.5 Watt
Dimensions (WxDxH)	171.71 cm x 12.17 cm x 106.53 cm
Weight	55.5 kg

Extended Specification

General

Product Type	LED-backlit LCD flat panel display
Power Consumption (Max)	461.4 Watt
Power Consumption Operational	90.1 Watt
Diagonal Class	75"
Commercial Use	Yes - education / business
Combined With	Touchscreen (multi touch) / NFC reader/writer

TV Tuner	No tuner
TV Tuner Presence	No
Sensors	Temperature sensor,motion sensor,air quality sensor,humidity sensor,particle sensor
Video Interface	HDMI
HDMI Ports Qty	3 ports
PC Interface	VGA (HD-15),DisplayPort
Modes	Landscape mode
Picture Enhancements	72% Colour Gamut NTSC
Protection	Dustproof,germ-resistant
Width	171.71 cm
Depth	12.17 cm
Height	106.53 cm
Weight	55.5 kg

Display

LCD Display Technology	IPS
Resolution	3840 x 2160
Display Format	4K UHD (2160p)
Image Aspect Ratio	16:9
LCD Backlight Technology	LED backlight
Coating	Anti-glare,9H Hard
Image Contrast Ratio	1200:1
Dynamic Contrast Ratio	30000:1
Brightness	450 cd/m²
Touchpoints Qty	40
Response Time	8 ms
Backlight Life	50,000 hour(s)
Features	Infrared touch technology,18/7 operation time,10-bit support,OPS Slot,Account Management System (AMS),Device Management Solution (DMS),built-in air ioniser

Stands &Mounts

Flat Panel Mount Interface	800 x 400 mm
VESA Compatibility	Yes

Media Player

USB Port	Yes
USB Ports Qty	9
Configuration	4 x ARM Cortex-A73 + 4 x ARM Cortex-A53 - 8 GB - 64 GB - Mali G52 MP8
Operating System	Android OS 11

Remote Control

Type	Remote control
Features	Voice control

Audio System

Digital Audio Format	Dolby Digital Plus output
Speaker System	2 speakers,subwoofer
Features	Built-in 8 microphones,Immersive surround sound
Speakers	2 x main channel speaker - 16 Watt 1 x subwoofer - 16 Watt

Network &Internet Multimedia

Connectivity	Wi-Fi,LAN,NFC
LAN Protocol	Gigabit Ethernet

Connections

Connector Type	3 x HDMI input HDMI output DisplayPort input VGA input Microphone input - front Audio line-in Audio line-out SPDIF output 5 x USB 3.2 Gen 1 2 x USB 2.0 3 x touch USB-C 3.0 USB-C with 65W Power Delivery
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Miscellaneous

Included Accessories	Remote control,2 styluses,pen tray,wall mount,power cable (3 m),X.Sign Broadcast,Floating Tool,EZWrite 6.0,InstaShare 2
Cables Included	VGA cable - 3 m HDMI cable - 3 m USB touch cable - 3 m USB-C cable - 1.5 m
Compliant Standards	IEC 60529 IP5X,ISO 22196,TUV Rheinland Low Blue Light Certification,TUV Rheinland Flicker Free Certification,DisplayPort 1.2a,SIAA,Eyesafe Certification

Power

Power Device	Power supply
Input Voltage	AC 100-240 V (50/60 Hz)
Power Consumption Stand by	0.5 Watt

Dimensions &Weight (Shipping)

Width (Shipping)	190 cm
Depth (Shipping)	22.5 cm
Height (Shipping)	116 cm
Weight (Shipping)	70 kg

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	20 - 80% RH (non-condensing)

Product data is provided by CNET,we do not warrant the accuracy and completeness of the material contained in this data sheet