

BenQ RE7504 75" Display(9H.F9FTK.DE6)

BenQ Board Essential RE7504 - 75" Diagonal Class RE04 Series LED-backlit LCD display - education - with touchscreen (multi touch) - Android - 4K UHD (2160p) 3840 x 2160 - direct-lit LED



The BenQ Board Essential RE7504 offers a visually stunning experience with its 75-inch LED-backlit LCD flat panel display, featuring a 4K UHD resolution of 3840 x 2160. The brightness of 450 cd/m² combined with a contrast ratio of 1200:1 ensures that images appear sharp and vibrant, making it suitable for educational and commercial use. This display supports a range of connectivity options, including HDMI, USB-C, and VGA, allowing for versatile integration into any setting. The built-in speaker system delivers quality sound with a total output of 40 watts, enriching presentations or media playback. Infrared touch technology and a response time of 8 ms facilitate seamless interaction and engagement, enhancing collaborative experiences in classrooms or conference rooms.

Durability meets functionality with the RE7504, equipped with a dust-resistant design and an operating lifespan of 50,000 hours. It complies with ENERGY STAR standards for energy efficiency, making it an environmentally friendly and cost-effective choice over time. Additional conveniences include multiple USB ports for easy access and the integration of advanced management solutions, allowing users to optimize their presentations and educational tools. The BenQ Board Essential RE7504 combines advanced features with dependable performance for any professional environment.

Key Selling Points

- 75-inch 4K UHD display for exceptional clarity and detail
- Advanced touch technology supports up to 40 touchpoints
- Versatile connectivity options including HDMI and USB-C
- Built-in speakers deliver immersive audio with 40 watts output
- Environmentally friendly with ENERGY STAR certification

Product Features

Stunning visual performance

The RE7504 features a resolution of 3840 x 2160, delivering images that enhance viewing experiences. With a dynamic contrast ratio of 30000:1 and a 72% color gamut NTSC, colors are rendered vibrant and true to life.

Robust connectivity options

Equipped with multiple input types including HDMI, USB-C, and VGA, this display offers flexibility in connecting various devices. An OPS Slot is also included for added functionality.

Enhanced interactive engagement

Incorporating precision touch technology and infrared capabilities, the screen supports responsive touch interactions. This makes it suitable for collaborative environments, allowing multiple users to engage simultaneously.

Energy efficient design

With a low operational power consumption of 73.9 watts and compliance with ENERGY STAR certification, the RE7504 is an eco-friendly solution that contributes to lower energy costs.

Solid multimedia support

The built-in ARM Cortex processors and 8 GB RAM ensure smooth performance for media functions, while the variety of supported memory cards and USB ports facilitate easy content sharing.

Main Specifications

Product Description	BenQ Board Essential RE7504 RE04 Series - 75" LED-backlit LCD display - 4K - for education
Product Type	LED-backlit LCD flat panel display with touchscreen (multi touch)
Diagonal Class	75"
Commercial Use	Yes - education
Platform	Android
Resolution	3840 x 2160
Display Format	4K UHD (2160p)
Video Interface	HDMI

HDMI Ports Qty	3 ports
Connectivity	LAN
PC Interface	VGA (HD-15), DisplayPort
Technology	IPS
LCD Backlight Technology	Direct-lit LED
Image Aspect Ratio	16:9
TV Tuner	No tuner
Commercial Features	OPS Slot
Picture Enhancements	72% Colour Gamut NTSC
Speaker System	2 speakers
Storage Capacity	32 GB
Supported Memory Cards	microSD
USB	6 ports
Included Accessories	Remote control, 2 styluses
Voltage	AC 100-240 V (50/60 Hz)
Power Consumption Operational	73.9 Watt
Power Consumption Stand by	0.5 Watt
Dimensions (WxDxH)	171.65 cm x 8.77 cm x 104.16 cm
Weight	50.2 kg
Environmental Standards	ENERGY STAR Qualified

Extended Specification

General

Product Type	LED-backlit LCD flat panel display
Power Consumption Operational	73.9 Watt
Diagonal Class	75"
Commercial Use	Yes - education
Combined With	Touchscreen (multi touch)
Series	RE04 Series
Platform	Android
Operating System	Android OS 13
TV Tuner	No tuner
TV Tuner Presence	No
Sensors	Ambient light sensor (ALS), Infrared (IR)
Video Interface	HDMI
HDMI Ports Qty	3 ports
PC Interface	VGA (HD-15), DisplayPort
Modes	Landscape mode
Picture Enhancements	72% Colour Gamut NTSC
Protection	Dust-resistant
Width	171.65 cm
Depth	8.77 cm
Height	104.16 cm
Weight	50.2 kg

Miscellaneous

Included Accessories	2 styluses
Cables Included	VGA cable - 3 m HDMI cable - 3 m USB touch cable - 3 m USB-C cable - 1.5 m

Compliant Standards	Google EDLA, TÜV safety certification, IEC 60529 IP5X
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Power

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

Environmental Parameters

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

Display

LCD Display Technology	IPS
Resolution	3840 x 2160
Display Format	4K UHD (2160p)
Image Aspect Ratio	16:9
LCD Backlight Technology	Direct-lit LED
Coating	Anti-glare, 9H Hard
Image Contrast Ratio	1200:1
Dynamic Contrast Ratio	30000:1
Brightness	450 cd/m²
Viewing Angle	178 degrees
Touchpoints Qty	40
Response Time	8 ms
Backlight Life	50,000 hour(s)
Commercial Features	OPS Slot
Operation Hours / Days	18 / 7

Features	10-bit support, precision touch technology, infrared touch technology, Device Management Solution (DMS), Account Management System (AMS), Flicker free technology, Low Blue Light Technology, text-to-speech function
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Connections

Connector Type	VGA input 3 x HDMI input HDMI output DisplayPort 2 x USB 2.0 2 x USB 3.0 USB-C 2.0 USB-C 3.0 with 65W Power Delivery Touch Audio line-in Earphones SPDIF output Gigabit LAN Microphone RS-232
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Audio System

Speaker System	2 speakers
Output Power / Total	40 Watt
Speakers	2 x main channel speaker - 20 Watt

Remote Control

Type	Remote control
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Dimensions & Weight (Shipping)

Width (Shipping)	186 cm
Depth (Shipping)	18.5 cm
Height (Shipping)	112.5 cm
Weight (Shipping)	64.9 kg

Network & Internet Multimedia

Functionality	Whiteboard
Connectivity	LAN
LAN Protocol	Gigabit Ethernet
Connect & Share	InstaShare 2
Application Store	Google Play

Stands & Mounts

Wall Mount Included	Yes
Flat Panel Mount Interface	800 x 400 mm
VESA Compatibility	Yes

Media Player

Supported Memory Cards	microSD
USB Port	Yes
USB Ports Qty	6
Configuration	ARM Cortex-A73 Quad-Core + ARM Cortex-A53 Quad-Core - 8 GB - 32 GB - Mali G52 MP8

Sustainability Information

ENERGY STAR Certified	Yes
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What's in the box

- BenQ Board Essential RE7504
- Remote control
- VGA cable - 3 m
- HDMI cable - 3 m
- USB touch cable - 3 m
- USB-C cable - 1.5 m
- Wall mount
- 2 styluses

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