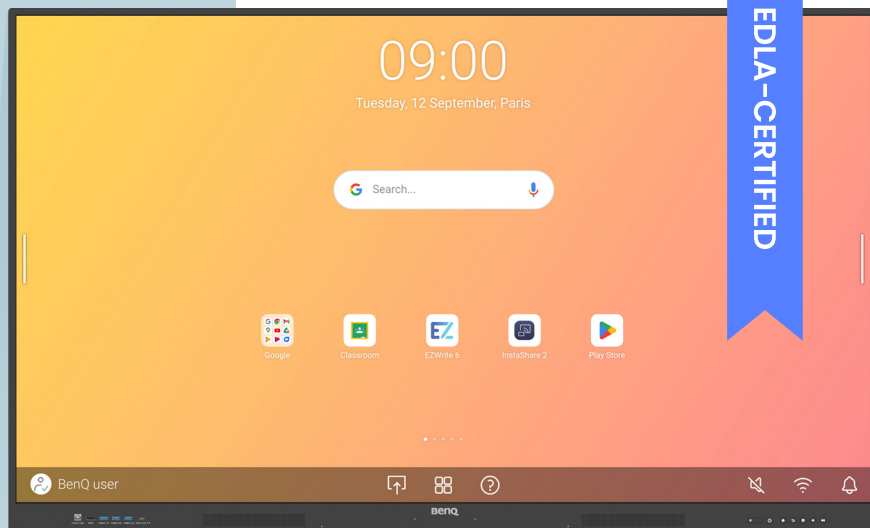# BenQ

# RE7504A

## Essential Series

EDLA-CERTIFIED

**EDLA-certified with Enhanced Security:** The EDLA-certified RE04A seamlessly integrates Google services with BenQ's reliable hardware and software. Easily access education apps via Google Play Store, along with Google and Microsoft tools, while benefiting from robust security features such as secure login options, access controls, regular system updates, and built-in Google Play Protect and Safe Browsing.

**Advanced Device Management Solution (DMS):** The RE04A series features BenQ's cloud-based DMS, enabling centralised management of all BenQ displays from a single dashboard. This solution simplifies device setup with quick onboarding options. Administrators can remotely control display settings, manage app installations & blocking, schedule firmware updates, and automate tasks like startup and shutdown times. Additionally, DMS provides real-time analytics and energy consumption reports, facilitating efficient monitoring and decision-making.

**Eye care technologies:** Including the RE04A's low blue light filter and flicker-free screen, help reduce eye strain in class, while its anti-glare 4K screen ensures clear images every time.

→ Specifications subject to change without notice.

| | | |
|---|---|---|
| **Panel** | Screen size | 75" |
| | Resolution | 4K UHD 3840 x 2160 |
| | Brightness | 450 nits |
| | Contrast ratio (typ.) | 1200 : 1 |
| | Dynamic contrast ratio | 50,000 : 1 |
| | Viewing angle (H/V) | 178° |
| | Response time (G-t-G) | 8 ms |
| | Backlight life (hrs) | 50,000 |
| | Panel surface | AG, Haze 25% |
| | Operating hours | 18 / 7 |
| | Orientation | Landscape |
| **Platform solution** | System memory | 8GB |
| | Storage | 64GB |
| | OS | Android 14.0 |
| | GMS integration | Yes |
| | CPU | A73 × 4 |
| **Power** | Power supply | 100V~240V, 50-60Hz |
| | Typical power consumption (W/h) | 132.8 |
| | AC power switch | Yes |
| | Wake up | LAN / HDMI |
| **Touch** | Technology | Precision IR |
| | Number of touch points | Up to 40 |
| | Interface | USB Type B x 2 |
| **Glass** | Tempered glass | 3.2 mm |
| | Hardness | 9H |
| | AG coating | Yes |
| **ClassroomCare® Technology** | Eye care solution: flicker-free & low blue light (TÜV-certified) | Yes |
| | Air quality sensors & air ioniser | No |
| | Germ-resistant screen | No |
| **Environment** | Operating temperature | 0°C ~ 40°C |
| | Operating humidity | 20% ~ 80% RH non-condensing |
| | Energy efficiency | ENERGY STAR® 8.0-certified |
| **Connectivity** | Input | HDMI 2.0 x 3, Mic-in (3.5 mm) x 1 |
| | Output | HDMI 2.0 x 1, Earphone-audio (3.5 mm) x 1, SPDIF (Optical) x 1 |
| | USB | Type A x 5 (2.0 x 1 / 3.0 x 4), Type B x 2 (2.0), Type C x 2 (2.0 x 1 / 3.0 (PD 65 W)  x 1) |
| | RS232 | x 1 |
| | RJ45 (LAN) | x 2 (Android / OPS) up to 1000Mbps |
| | Wireless connectivity | Optional WD02AT (Wi-Fi 6 + Bluetooth 5.2) |
| | Remote controller | x 1 |
| **Audio** | Built-in speaker | 20W x 2 |
| | Array microphones | No |
| **Mechanical** | Screen dimension (mm) | 1716.5 × 1025.8 × 87.7 |
| | Net / Gross weight (kg) | 49.8 / 64.3 |
| | Bezel width (mm) | 17.2 | 48.3 | 17.2 | 17.2 |
| | Wall mounting(VESA) (screw type / max. length) | VESA 800 × 400 mm (4 × M8 × 25L), wall mount kit included |
| | OPS slot | Yes |
| | Micro SD reader | Yes (up to 512GB) |
| | Stylus | x 2 |

## SOFTWARE

**EZWrite 6**
Save lessons in editable whiteboard files (IWB) with Cloud Whiteboarding. Google Classroom is integrated with EZWrite WEB.

**InstaShare 2**
Wireless screen sharing & casting from any device. Share several screens simultaneously, with different types of content.

**X-Sign Broadcast**
Announcement system with cross-campus communication, send visual alerts, warnings, and videos to all or one specific device.
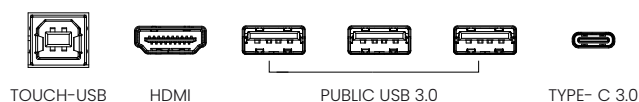
**DMS**
Device Management Solution centrally oversees all displays to get real-time status information, deploy OTA updates & more.
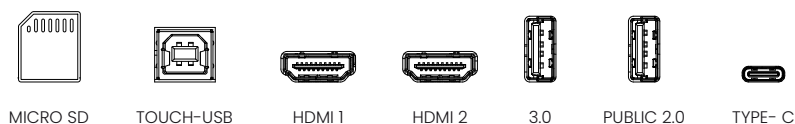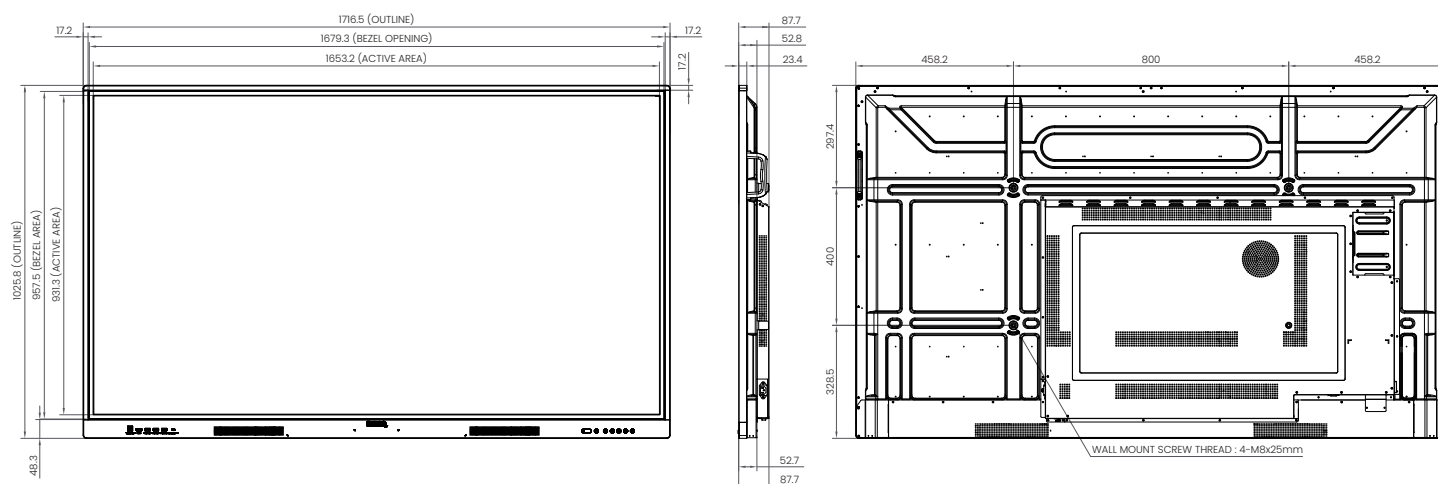
## INPUT AND OUTPUT TERMINALS

### FRONT I/O

TOUCH-USB | HDMI | PUBLIC USB 3.0 | TYPE- C 3.0

### SENSOR & KEYPAD BUTTONS

### SIDE I/O

MICRO SD | TOUCH-USB | HDMI 1 | HDMI 2 | 3.0 | PUBLIC 2.0 | TYPE- C

### DOWN I/O

HDMI-OUT | MIC-IN | RS232 | SPDIF | EARPHONE | LAN | LAN

### SECURED WIFI DONGLE INPUT PORT

PUBLIC 2.0

## DIMENSIONS (MM)

17.2 | 1716.5 (OUTLINE) | 17.2
1679.3 (BEZEL OPENING)
1653.2 (ACTIVE AREA)
17.2

1025.8 (OUTLINE)
957.5 (BEZEL AREA)
931.3 (ACTIVE AREA)
48.3

87.7
52.8
23.4

52.7
87.7

458.2 | 800 | 458.2
297.4
400
328.5

WALL MOUNT SCREW THREAD : 4-M8x25mm

**BenQ**

5 year de/re-install warranty upon registration within 30 days of purchase.

**www.benq.eu/en-uk/education.html**