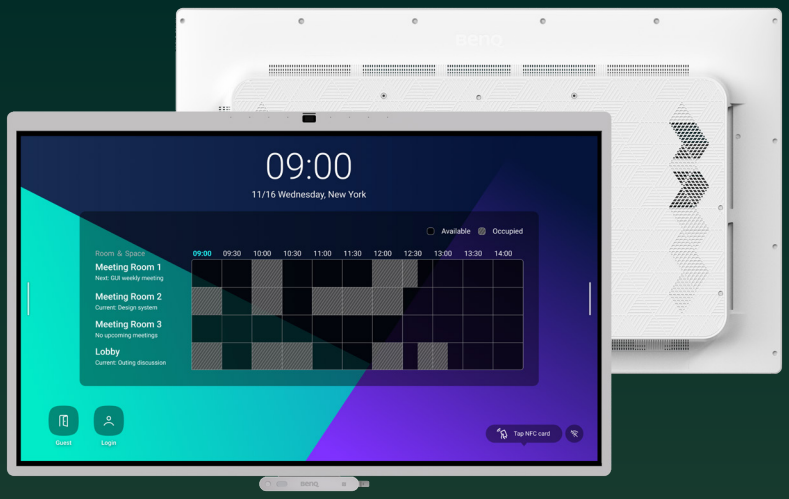
BenQ

# CM7505

## Corporate Series




*Android 15*

*50 touch points IR*

*90W audio system*

*Wi-Fi 6 + BT 5.4*

*16GB | 256 GB*

### 50MP 4K AI Camera

CM7505 processes AI on-device via a dedicated 10 TOPS NPU — no cloud dependency, no data exposure, full GDPR compliance. SummarAI captures and summarises every discussion automatically, and Ask AI keeps conversations moving in real time.

### On-Device AI · 10 TOPS NPU

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### NFC Secure Login

NFC login eliminates shared credentials across meeting rooms. Each user taps to access their personal profile, cloud storage, and display preferences securely — from any CM05 in the building and without touching a laptop.

### Meeting room-focused

Not everyone wants to connect the same way. The CM7505 supports seamless BYOD and BYOM workflows through the optional BenQ InstaShare Button* — a single plug-in device that lets any participant share their screen wirelessly in seconds, from any laptop or mobile, on any platform.

** InstaShare Button sold separately.*

| | | | |
|---|---|---|---|
| **Panel** | **Screen size** | | 75" |
| | **Resolution** | | UHD 3840 x 2160 pixels |
| | **Brightness (w/ and w/o glass)** | | 450 nits |
| | **Contrast ratio** | | 1200:1 |
| | **Viewing angle (H/V)** | | 178° / 178° |
| | **Response time (G-t-G)** | | 8ms |
| | **Backlight life** | | 50,000 hrs |
| | **Colour gamut** | | 90% |
| | **Orientation** | | Landscape |
| **System** | **OS** | | Android 15.0 (EDLA) |
| | **CPU** | | Arm Cortex-A78 × 2 + A55 × 6 8-core proecessor |
| | **GPU** | | 10 TOPS |
| | **Memory \| Storage** | | 16 GB \| 256 GB |
| **Touch** | **Technology** | | IR |
| | **Touch points** | | Up to 50 |
| | **Latency** | | < 2.5ms |
| **Cover glass** | **Thickness** | | 3.0 mm |
| | **Hardness** | | 9H tempered |
| | **Triple-coated glass** | | Anti-glare<br>Anti-fingerprint<br>Germ-resistant (TÜV-, SIAA certified) |
| | **TÜV-certified Eye-care** | | Flicker-Free & Low Blue Light |
| **Camera** | **Resolution** | | 4K UHD |
| | **MP** | | 50 MP |
| | **FOV** | | Diagonal: 160° \| Horizontal: 120° \| Vertical: 80° |
| | **Microphones** | | × 8 built-in omni-directional mics, up to 12 m pickup range (max.) |
| | **AI features and modes (gesture control)** | | Standard \| Auto framing \| Gesture tracking \| Voice tracking \| Room and Face view \| Gallery mode \| Echo cancellation \| Noise suppression \| Speech enhancement |
| | **Privacy cover** | | Yes |
| **Speaker** | **Built-in** | | 25 W × 2 + subwoofer 40 W |
| **Connectivity** | **Input** | **HDMI** | × 1 (2.0) |
| | | **USB-A** | Type-A × 2 (3.0) |
| | | **USB-C** | Type-C 3.0 × 1 (5-in-1: 5Gbps data transfer, video, audio, touch, 65W power charging) |
| | | | Type-C 2.0 × 1 (480Mbps data transfer only) |
| | | **RS232** | × 1 |
| | **Output** | **Earphone (3.5 mm)** | × 1 |
| | | **USB-C** | Type-C × 1 (4-in-1: data transfer, video, audio, touch) |
| | **NFC Sensor** | | × 1 |
| | **Light Sensor** | | × 1 |
| | **OPS Slot** | | × 1 |
| | **RJ45 (LAN)** | | × 2 (Android / OPS) up to 1000 Mbps |
| | **Wireless connectivity** | | Built-in (Wi-Fi 6, Bluetooth 5.4) |
| **Power** | **Power supply** | | AC 100 to 240V, 50 to 60 Hz |
| | **Power consumption (Typ)** | | 135 W |
| **Physical** | **Dimension (WxHxD) (Without Packing / With Packing)** | | 1720.7 × 1052.7 × 104.4 mm / 1880 × 1135 × 220 mm |
| | **Net Weight/Gross Weight** | | 52.8kg / 70.1kg |
| **Accessories** | Passive pen × 2 \| HDMI cable × 1 \| Type-C cable × 1 \| Type-C to A cable × 1 \| RS232 cable × 1 \| Quick Start Guide \| Power cord by region | | |
| **Mounting** | **Wall mount kit included** | | VESA 800 x 400 (4 × M8 × 25 mm) |

→ **Specifications subject to change without notice.**

## SOFTWARES

### Summar AI
Automatically transcribe every discussion into a complete record with key screenshots, and generate meeting summaries for participants.

### Meeting Room Booking
Reservation system to sync calendars, book rooms and check schedules.

### EZWrite 6
Brilliant whiteboarding experiecne, that engages teams with intuitive writing tools on a wide, collaborative canvas.

### InstaShare 2
Seamless screen sharing with advanced, native wireless casting for smooth presentations.

### AMS
Account Management System to conveniently load and access your account and cloud storage from any BenQ display.

### DMS
Device Management Solution centrally oversees all displays to get real-time status information, deploy OTA updates & more.

## DISPLAY MODES

### DICOM
Enhance image viewing with DICOM mode, offering grayscale performance aligned with DICOM standards.

### M-Book
M-Book matches screen colour to print for design and pre-press work.

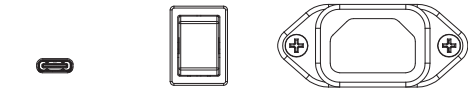
### High-Detail
High-Detail sharpens fine lines for CAD and architectural drawings.

### ePaper
ePaper reduces eye strain for document-heavy sessions.

## INPUT AND OUTPUT TERMINALS

FRONT BAR

DOWN I/O

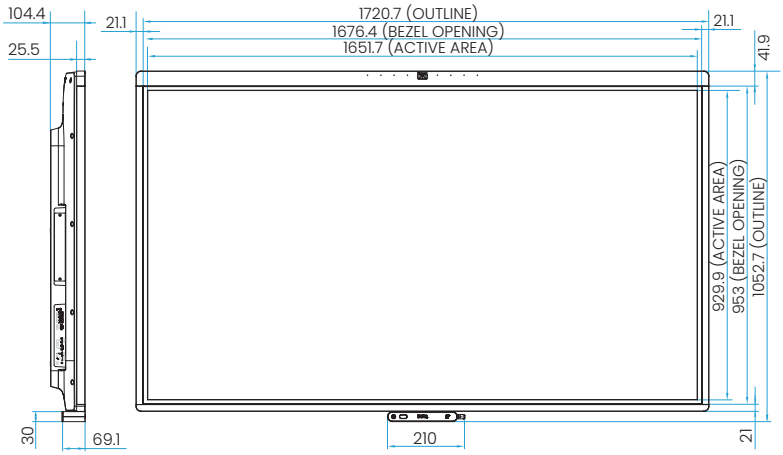


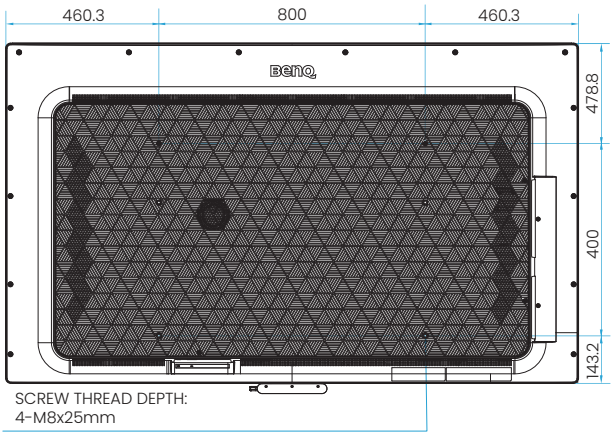
TYPE-C 3.0⚡ | POWER AC-IN | SWITCH ON/OFF

SIDE I/O

TRS232 | TYPE-C 2.0 | TYPE-C OUT | USB 3.0 | USB 3.0 PUBLIC | HDMI-IN | LAN-IN | LAN-OUT

## DIMENSIONS (MM) & WALL MOUNT




**Warranty terms and conditions** may change based on the country of purchase and local regulations.

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