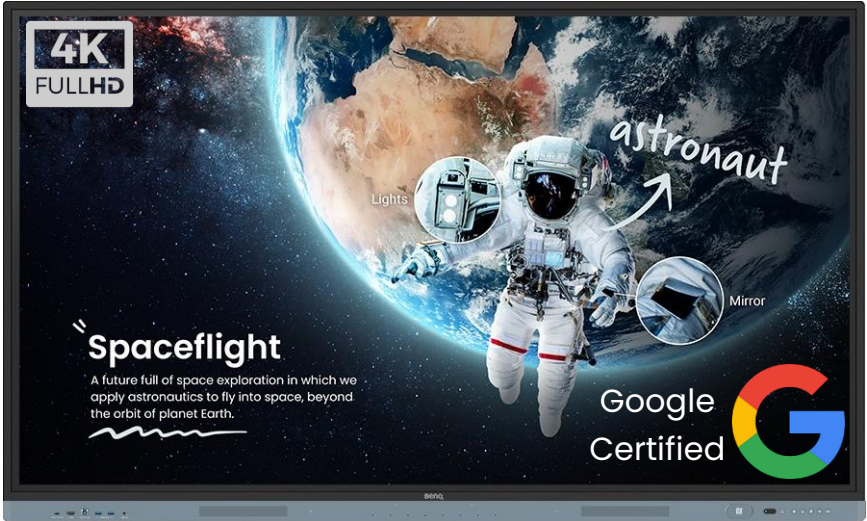


# BenQ Board

MASTER series | RM04

- **8-core SoC**  
Excellent performance
- **Android 13**  
The latest & most secure update
- **40W Built-in Speaker**  
20W x 2 speakers
- **Built-in Microphone**  
x 8, max pickup range to 8M
- **40 Touch Points**  
Unleash your creativity
- **5-in-1 Type-C 65W PD**  
Display, audio, touch, data, and 65W power charging
- **NFC log in**  
Access your account in seconds



- **eyesafe 2.0 Certified**  
Low Blue Light
- **SIAA Certified for Touchscreen**  
Antimicrobial property, safety, and appropriate
- **Germ-Resistant, Eyecare**  
Safe-to-Touch for touchscreen, buttons, touch pen, remote control  
Eyecare for Low Blue Light, Flicker Free
- **IP5X Dust Proof**  
To ensure consistent operation

## DISPLAY

|                        |                  |
|------------------------|------------------|
| Diagonal Size          | 65", 75", 86"    |
| Display Technology     | Zero Bonding     |
| Backlight              | DLED             |
| Aspect Ratio           | 16:9             |
| Resolution             | 3840 x 2160 (4K) |
| Brightness (typical)   | 450 cd/m2        |
| Contrast Ratio         | 1200:1           |
| Dynamic Contrast Ratio | 50000:1          |
| LCD Viewing Angle      | 178°/178°        |

|                           |                      |
|---------------------------|----------------------|
| Panel Refresh Rate        | 60 Hz                |
| Response Time             | ≤8 ms                |
| Panel Bit                 | 10-bit               |
| Panel Lifespan            | ≥50,000 hours        |
| Operating Hour            | 18/7                 |
| Glass Hardness            | 9H                   |
| Glass Type                | Heat-tempered 3.2 mm |
| Germ-Resistant Technology | Nano-ionic silver    |
| Panel Surface             | Anti-Glare, Haze 25% |
| Display Orientation       | Landscape            |

**TOUCH**

|                          |                                                               |
|--------------------------|---------------------------------------------------------------|
| Touch Technology         | High Precision IR                                             |
| Accuracy                 | ±1.0 mm                                                       |
| Max Touch Points         | 40 for Windows®, 32 for Android                               |
| Touch Resolution         | 32768 x 32768 px                                              |
| Object Recognition Range | ≥ 2 mm                                                        |
| Touch Response Time      | < 8 ms                                                        |
| Touch Interface          | USB-B 3.0 x 3                                                 |
| Compatibility            | Windows10/Windows8/Windows7/<br>macOS/Linux/Android/Chrome OS |

**COMPUTING**

|                  |                               |
|------------------|-------------------------------|
| Operating System | Android 13 (Tiramisu)         |
| CPU              | Octa-Core (A73 x 4 + A53 x 4) |
| GPU              | Mali™-G52 MP8                 |
| Memory           | 8GB                           |
| Storage          | 32GB                          |

**AUDIOVISUAL**

|                  |                                                                                                           |
|------------------|-----------------------------------------------------------------------------------------------------------|
| Built-in Speaker | 40 Watts (20 W x 2)                                                                                       |
| Array Microphone | x 8 (Max. pickup range: 8M)                                                                               |
| AI Camera        | Optional (4K with 4 x digital zoom, 8.29MP,<br>AI auto framing, AI voice tracking, 4 omni-<br>microphone) |

**CONNECTIVITY**

|                                                        | Front | Rear                                               | Top |
|--------------------------------------------------------|-------|----------------------------------------------------|-----|
| HDMI In 2.0                                            | x 1   | x 2                                                |     |
| HDMI Out 2.0                                           |       | x 1                                                |     |
| Display port 1.2a                                      |       | x 1                                                |     |
| VGA In                                                 |       | x 1                                                |     |
| VGA Audio In                                           |       | x 1                                                |     |
| USB-A 3.0<br>(High speed data transfer & power supply) | x 2   | x 2                                                | x 1 |
| USB-A 2.0                                              |       | x 2                                                |     |
| USB-B 3.0 (Touch)                                      | x 1   | x 2                                                |     |
| USB Type-C 3.0 (5-in-1, 65W PD)                        | x 1   |                                                    |     |
| USB Type-C 3.0 (Data transfer)                         |       | x 1                                                | x 1 |
| Mic In (3.5 mm)                                        | x 1   |                                                    |     |
| RS232                                                  |       | x 1                                                |     |
| Earphone (3.5 mm)                                      |       | x 1                                                |     |
| SPDIF (optical)                                        |       | x 1                                                |     |
| Power (AC) Inlet                                       |       | x 1                                                |     |
| OPS Slot                                               |       | x 1                                                |     |
| Wake-on-LAN                                            |       | Yes                                                |     |
|                                                        |       | x 2                                                |     |
| LAN In/Out (RJ45)                                      |       | OPS: 10/100/1000 Mbps<br>Android: 10/100/1000 Mbps |     |
| Wi-Fi 6.0                                              |       | Optional                                           |     |
| Bluetooth 5.2                                          |       | Optional                                           |     |

**SENSORS**

|                           |     |
|---------------------------|-----|
| NFC Sensor                | x 1 |
| Motion Sensor             | NA  |
| Air Ionizer               | NA  |
| Indoor Air Quality Sensor | NA  |
| Light Sensor              | x 1 |
| IR receiver               | x 1 |

**POWER**

|                             |                                       |
|-----------------------------|---------------------------------------|
| Power Supply                | AC 100 to 240V, 50 to 60 Hz           |
| Power consumption (typical) | 65": 106.1W; 75": 124.7W; 86": 168.9W |

**DISPLAY LANGUAGES**

English/French/German/Dutch/Polish/Russian/Czech/Danish/Swedish/Italian/Romanian/Finnish/Norwegian/Greek/Hungarian/Spanish/Portuguese/Turkish/Traditional Chinese/Simplified Chinese/Arabic/Japanese/Thai/Persian/Korean/Vietnamese/ Indonesian/Hebrew (28L)

**SOFTWARE/SOLUTIONS**

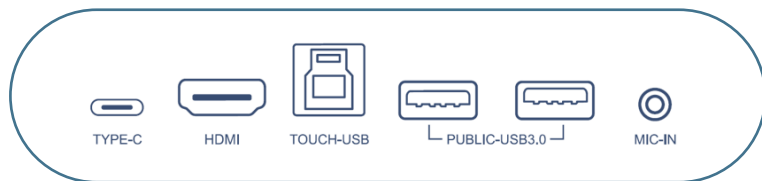
|                                             |                  |
|---------------------------------------------|------------------|
| Device Management Solution                  | DMS 3.0          |
| Account Management Solution                 | AMS              |
| Broadcasting Solution                       | X-Sign Broadcast |
| Wireless Casting Solution                   | InstaShare 2     |
| Whiteboarding Solution                      | EZWrite 6        |
| Floating Tool                               | Yes              |
| Class Recording                             | Yes              |
| Scalable canvas                             | Yes              |
| Handwriting recognition                     | 49 Languages     |
| Co-annotation via intranet                  | Cloud Whiteboard |
| Co-annotation via internet<br>(Web browser) | EZWrite 6 Web    |

**ACCESSORIES**

Remote Control, Power Code (By Region), Stylus x 2, Quick Start Guide, Regulation Sheet, Touch USB Cable, HDMI Cable, VGA (D-sub 15pin) Cable, Type-C Cable, Wall Mount

| Model                          | RM6504                     | RM7504                     | RM8604                     |
|--------------------------------|----------------------------|----------------------------|----------------------------|
| Dimension (WxHxD)              | 1489.3×905.8×87.1 mm/      | 1717.1×1036.8×87.1 mm/     | 1962.4×1174.9×87.1 mm/     |
| (Without Packing/With Packing) | 1640×1010×185 mm           | 1860×1125×185 mm           | 2095×1265×185 mm           |
| Net Weight/Gross Weight        | 37.8 kg/51.5 kg            | 51.5 kg/67.6 kg            | 65.2kg/82.9kg              |
| VESA Mount/Screws              | 600 x 400 mm/4 - M8 x 25mm | 800 x 400 mm/4 - M8 x 25mm | 800 x 600 mm/4 - M8 x 25mm |

FRONT



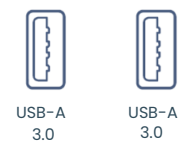
SIDE



BOTTOM



SIDE REAR Wi-Fi PORT

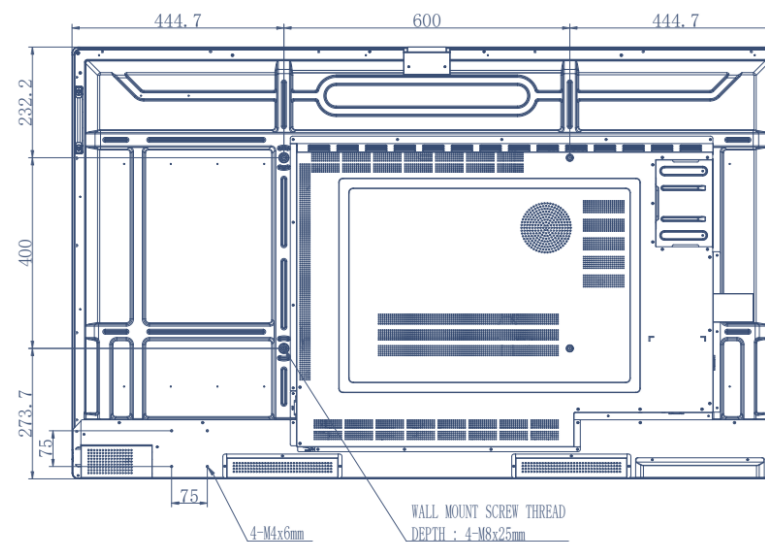
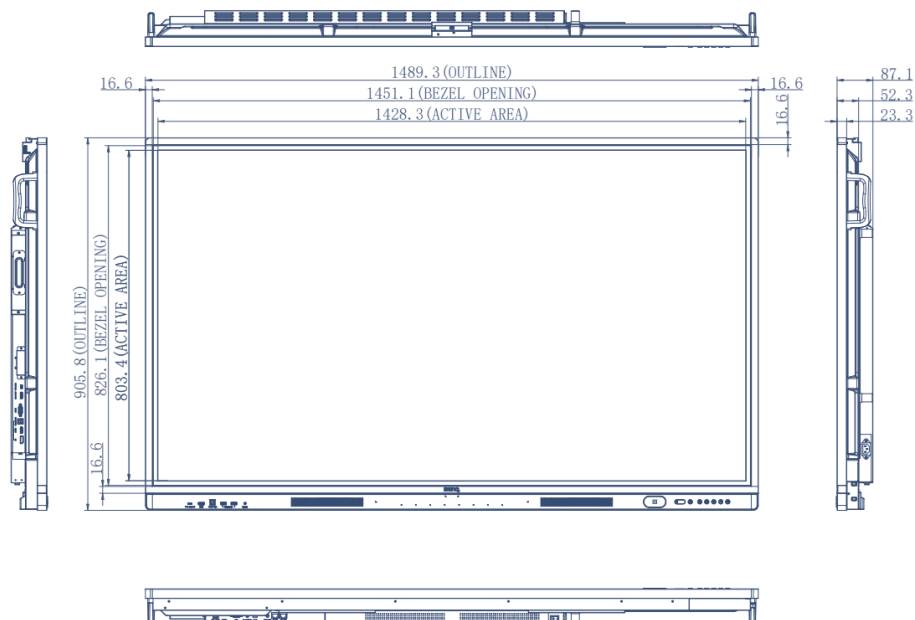


TOP CAMERA PORT

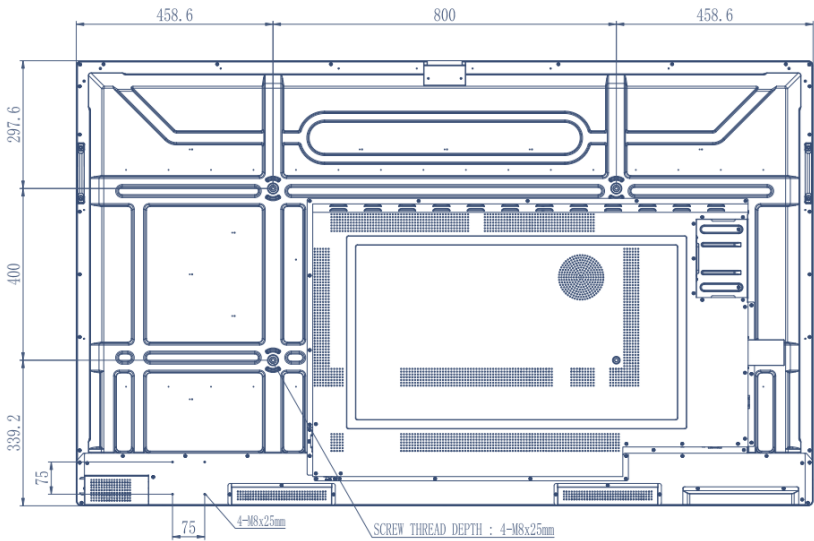
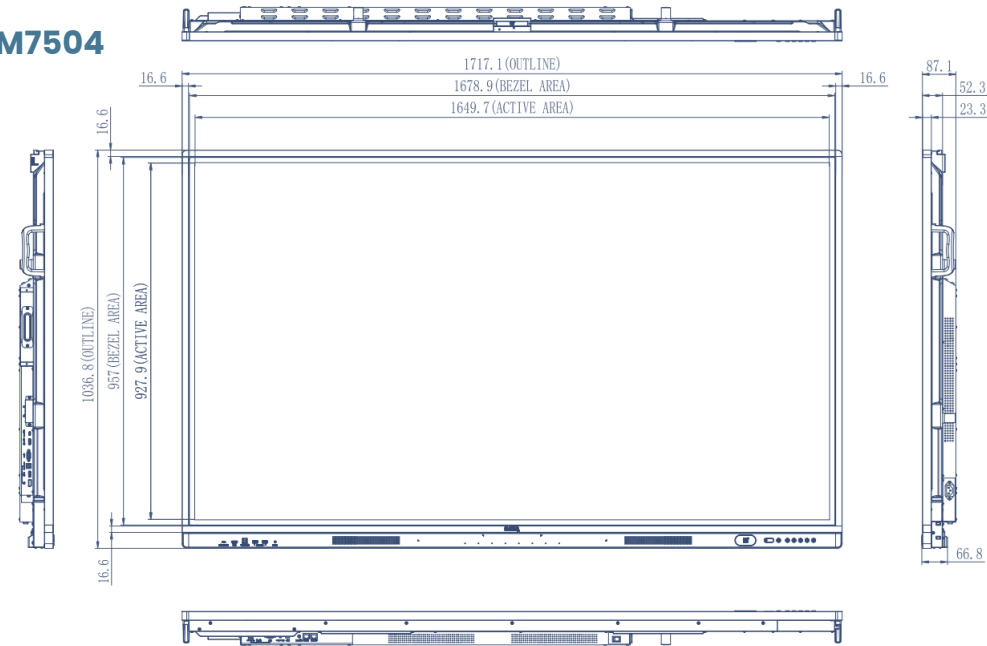


DIMENSION & WALLMOUNT

RM6504



RM7504



RM8604

