

EDLA BenQ Board

MASTER series | RM04



Octa Core SoC

Excellent performance



Android 13

The latest & most secure update



NFC Sensor

Access your account in seconds



40W Built-in Speaker

20W x 2 speakers



Built-in Microphone

x 8, pickup to 8M (max.)



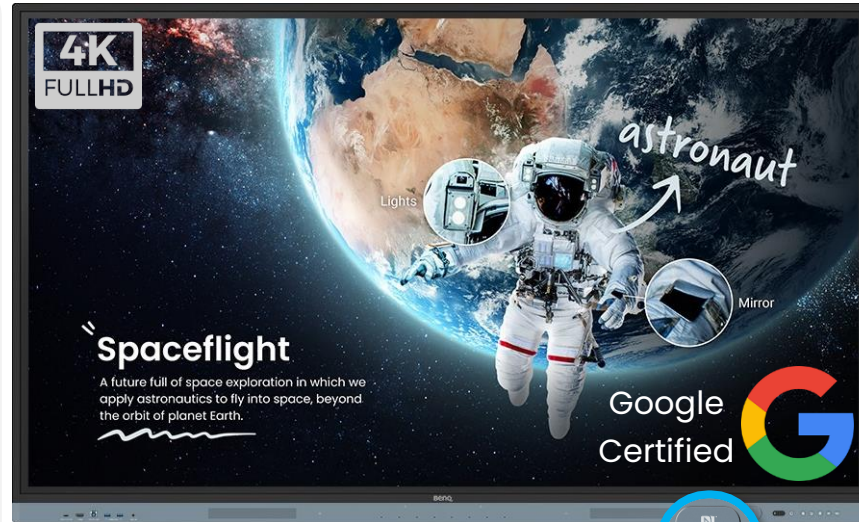
40 Touch Points

Unleash your creativity



5-in-1 Type-C 65W PD

Display, audio, touch, data, and 65W power charging



NFC log in



ClassroomCare®



Eyesafe 2.0 Certified
High standard for 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
IEC standard 60529



Energy Star
Lower energy bills

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 (typical) | 1200:1 |
| Contrast Ratio (dynamic) | 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 | Up to 40 |
| Touch Resolution | 32767 x 32767 px |
| Object Recognition Range | ≥ 2 mm |
| Touch Response Time | < 5 ms |
| Touch Interface | USB-B 3.0 x 3 |
| Compatibility | Windows10/Windows8/Windows7/ 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, AI auto framing, AI voice tracking, 4 omni-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 (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 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

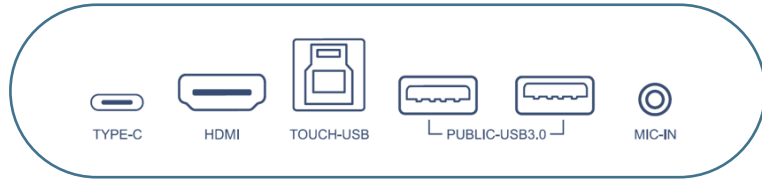
| | |
|---|------------------|
| Device Management Solution | DMS 3.0 |
| Account Management Solution | AMS |
| Broadcasting Solution | X-Sign Broadcast |
| Wireless Casting Solution | InstaShare 2 |
| Whiteboarding Solution | EZWrite 6 |
| Floating Tool | Yes |
| Class Recording | Yes |
| Scalable canvas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

ACCESSORIES

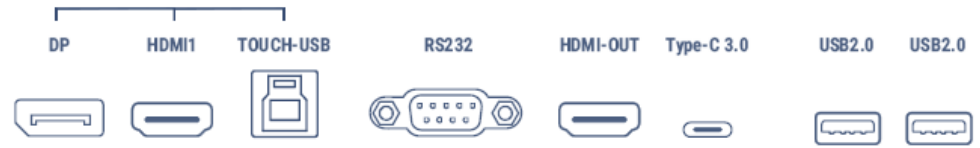
Remote Control, Power Code (By Region), Stylus x 2, Quick Start Guide, Regulation Sheet, Touch USB Cable, HDMI Cable, VGA (D-sub 15pin) Cable, Type-C Cable, Wall Mount

| Model | RM6504 | RM7504 | RM8604 |
|---|---|--|--|
| Dimension (WxHxD) (Without Packing/With Packing) | 1489.3×905.8×87.1 mm/ 1640×1010×185 mm | 1717.1×1036.8×87.1 mm/ 1860×1125×185 mm | 1962.4×1174.9×87.1 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



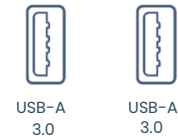
SIDE



BOTTOM



SIDE REAR Wi-Fi PORT

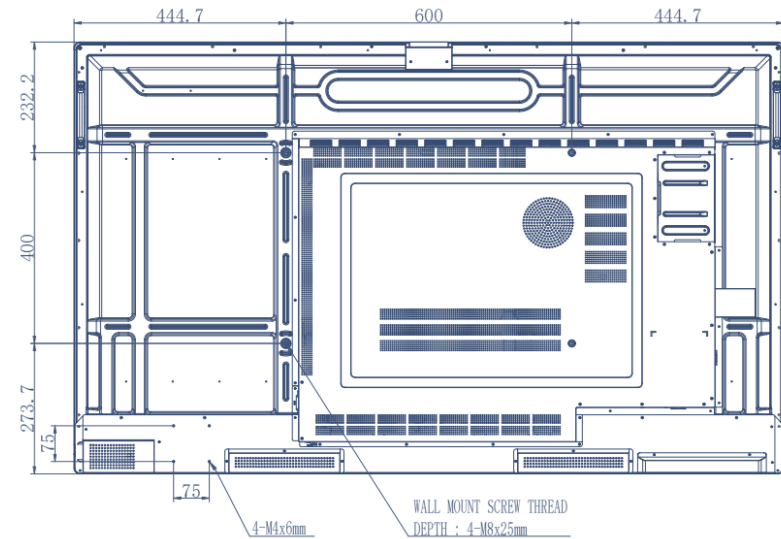
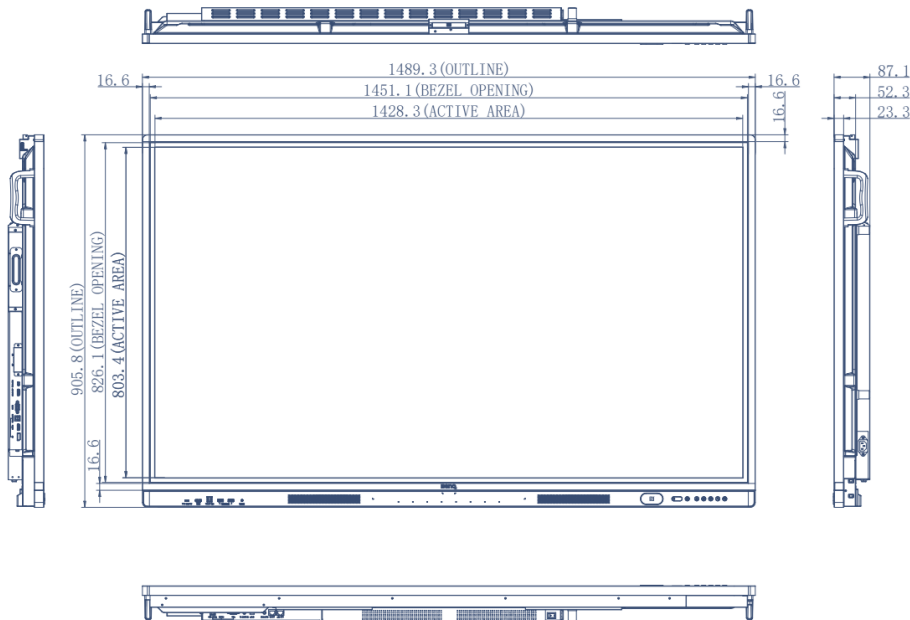


TOP CAMERA PORT

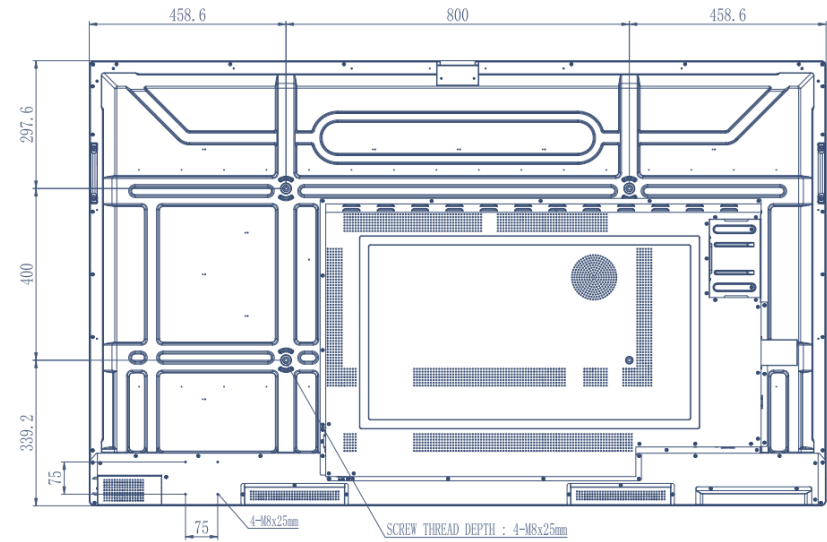
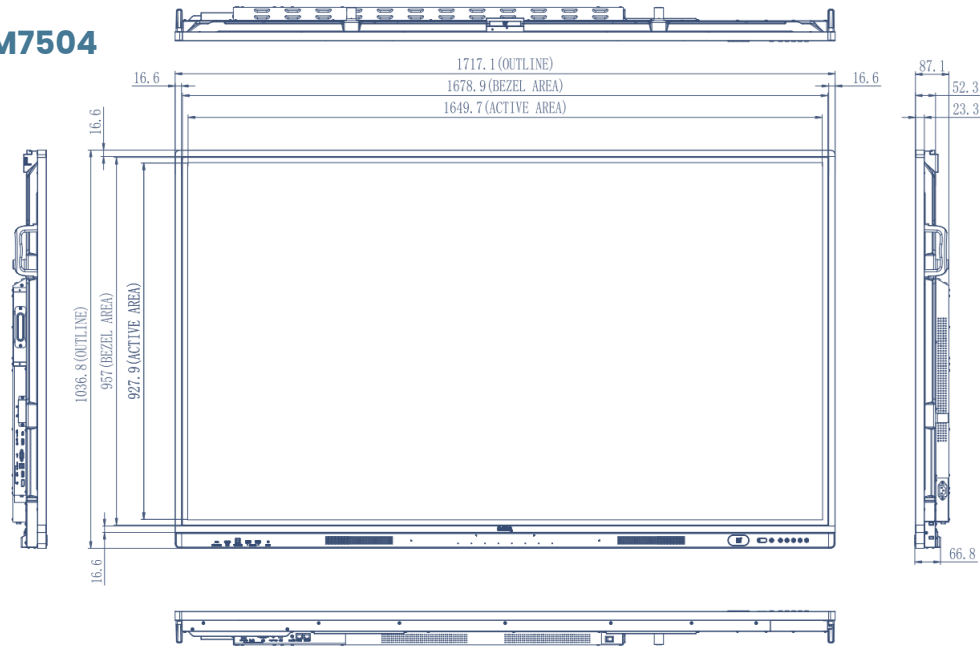


DIMENSION & WALLMOUNT

RM6504



RM7504



RM8604

