





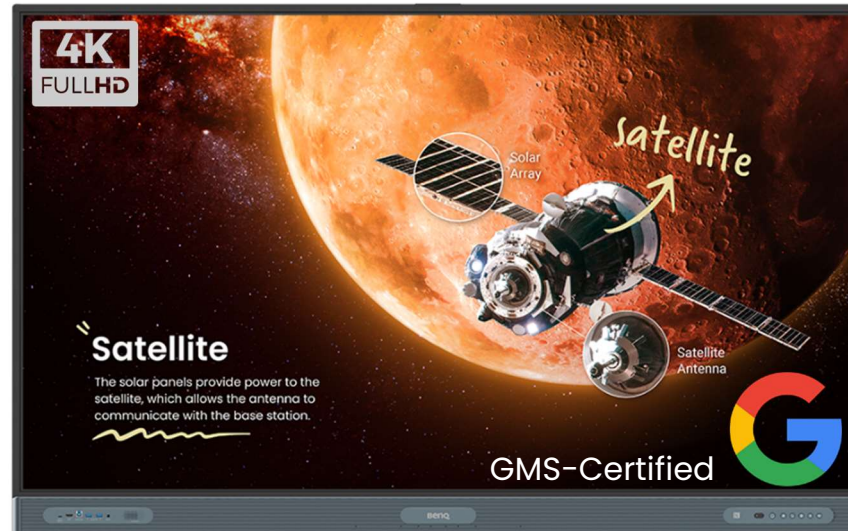


BenQ Board PRO series

- 
8-core SoC
 The most powerful IFP SoC
 Made in Taiwan, powered by TSMC
- 
Android 13
 The latest & most secure update
- 
56W Built-in Speaker
 20W x 2 speakers, 16W x 1 subwoofer
- 
Built-in Microphone
 x 8, max pickup range to 8M
- 
40 Touch Points
 Unleash your creativity
- 
5-in-1 Type-C 100W PD
 Display, audio, touch, data, and 100W power charging
- 
NFC log in
 Access your account in seconds







eyesafe
CERTIFIED 2.0



50
RPF50

eyesafe 2.0 Certified
Low Blue Light



SIAA Certified for Touchscreen
Antimicrobial property, safety, and appropriate



Germ-Resistant, Eyecare
Safe-to-Touch for touchscreen, front ports, buttons, touch pen, remote control
Eyecare for Low Blue Light, Flicker Free



IP5X Dust Proof
To ensure consistent operation



Ionizer built-in
Improve air quality

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 | Fine 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 | Windows11/Windows10/Windows8/Windows7/ macOS/Linux/Android/Chrome OS |

COMPUTING

| | |
|------------------|-------------------------------|
| Operating System | Android 13 (Tiramisu) |
| CPU | Octa-Core (A78 x 4 + A55 x 4) |
| GPU | Mali™-G57 MC5 |
| Memory | 8GB |
| Storage | 64GB |

AUDIOVISUAL

| | |
|------------------|--|
| Built-in Speaker | 56 Watts (20 W x 2 + Subwoofer 16 W x 1) |
| 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 3 | |
| 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 4 | x 1 |
| USB-A 2.0 | | x 1 | |
| USB-B 3.0 (Touch) | x 1 | x 2 | |
| USB Type-C 3.0 (5-in-1, 100W PD) | x 1 | | |
| USB Type-C 3.0 (Data transfer) | | x 1 | x 1 |
| USB Type-C 2.0 (5-in-1, 65W PD) | | 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 | | Included | |
| Bluetooth 5.2 | | Included | |

SENSORS

| | |
|---------------------------|---|
| NFC Sensor | x 1 |
| Motion Sensor | x 1 |
| Air Ionizer | x 1 |
| Indoor Air Quality Sensor | CO ₂ , PM _{2.5} , PM ₁₀ , TVOC, CH ₂ O Humidity, Temperature |
| Light Sensor | x 1 |
| IR receiver | x 1 |

POWER

| | |
|-----------------------------|-----------------------------|
| Power Supply | AC 100 to 240V, 50 to 60 Hz |
| Power consumption (typical) | TBD |

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

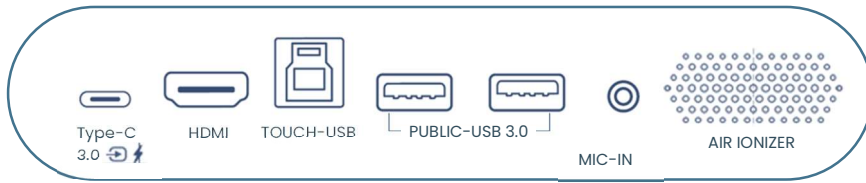
| | |
|---|------------------|
| Device Management Solution | DMS 3.0 |
| Account Management Solution | AMS |
| Broadcasting Solution | X-Sign Broadcast |
| Wireless Casting Solution | InstaShare 2 |
| Whiteboarding Solution | EZWrite 6 |
| Floating Tool | Yes |
| Class Recording | Yes |
| Scalable canvas | Yes |
| Handwriting recognition | 50+ Languages |
| Co-annotation via intranet | Cloud Whiteboard |
| Co-annotation via internet (Web browser) | EZWrite 6 Web |

ACCESSORIES

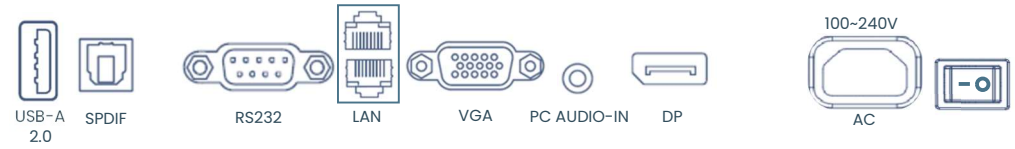
Remote Control, Power Code (By Region), NFC Stylus x 2, Quick Start Guide,
Regulation Sheet, Touch USB Cable, HDMI Cable, VGA (D-sub 15pin) Cable, Type-
C Cable, Wall Mount

| Model | RP6504 | RP7504 | RP8604 |
|--------------------------------|----------------------------|----------------------------|----------------------------|
| Dimension (WxHxD) | 1488.4×937.6×117.7 mm/ | 1709.4×1060.8×117.7 mm/ | 1957.0×1200.5×117.7 mm/ |
| (Without Packing/With Packing) | 1628×1024×208 mm | 1863×1155×205 mm | 2110×1291×205 mm |
| Net Weight/Gross Weight | 40.6 kg/47.8 kg | 52.2 kg/64.5 kg | 64.7kg/79.6kg |
| 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 |

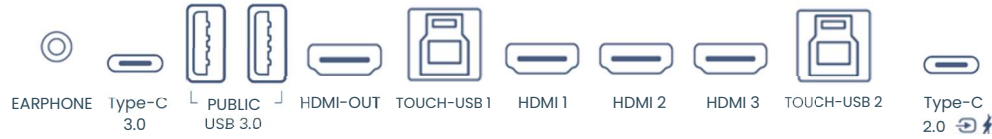
FRONT



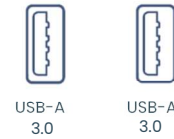
BOTTOM



SIDE



SIDE REAR Wi-Fi PORT

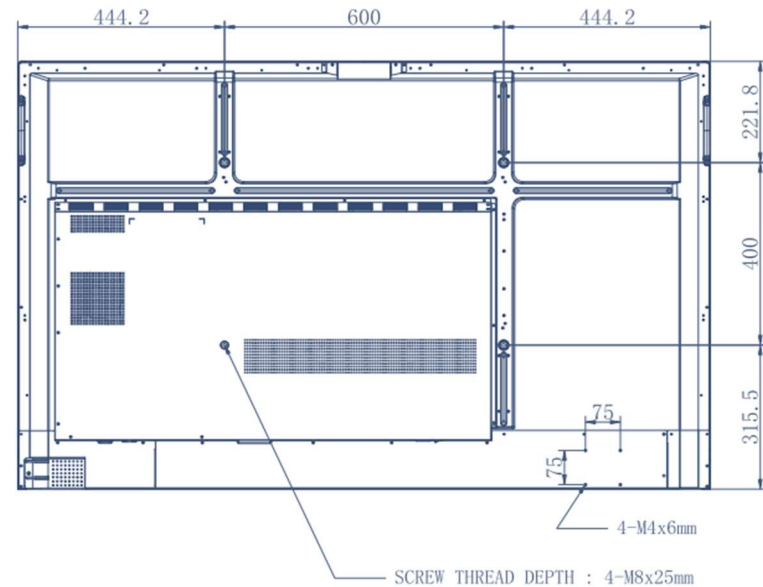
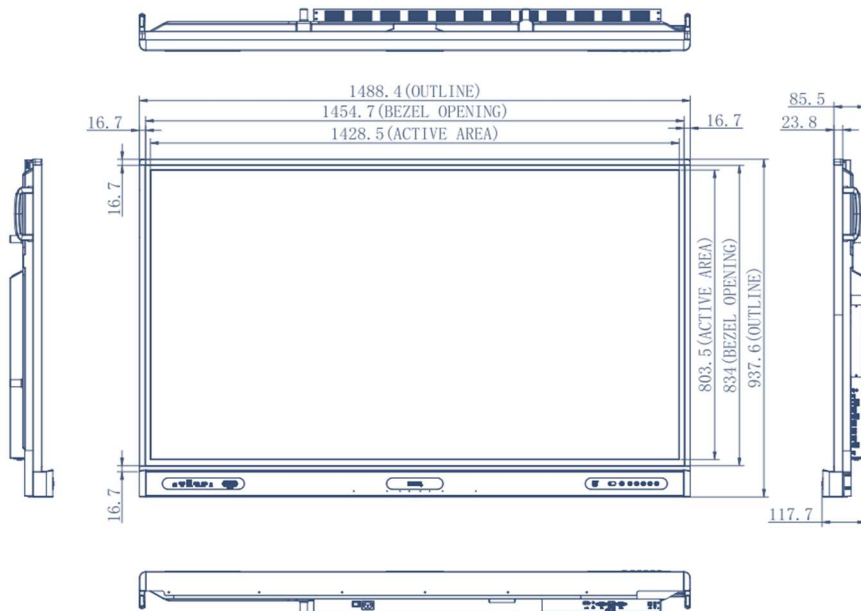


TOP CAMERA PORT

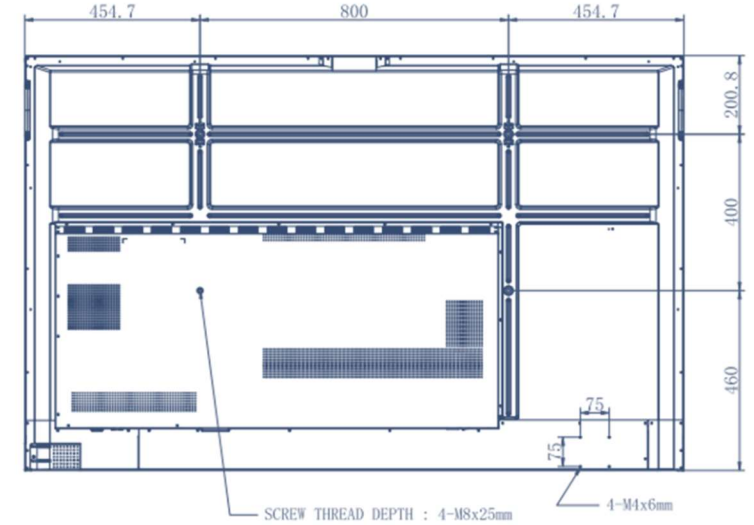
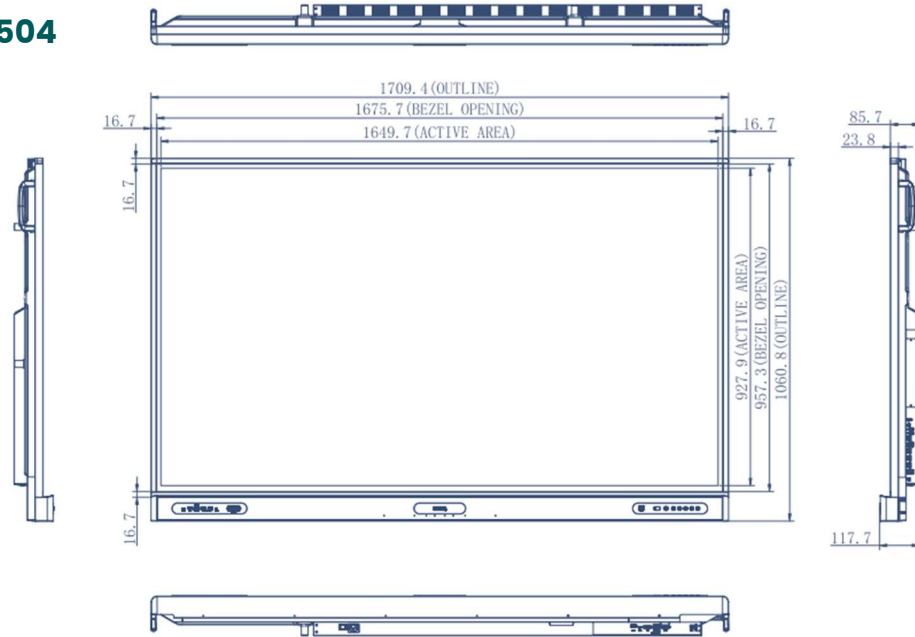


DIMENSION & WALLMOUNT

RP6504



RP7504



RP8604

