

Data Sheet

BenQ RP7503

Large Format Touch Display

- Germ Resistant Screen
- Device and user management
- Air quality sensors
- Integrated sound bar with Dolby DD and pen tray
- Android 11 with BenQ Duo OS / Duo Window



Modell : RP7503

Item No. / EAN Code : 9H.F83TK.DEI / 471 8755 08844 5

Panel

Type : 190,50 cm / 75" Wide TFT

Native Resolution : 3.840 x 2.160 4K / 16:9

Active Display Area W x H : 1.649,7 x 927,9 mm

Panel / Pixel pitch : 10 Bit / 0,43 x 0,43 mm

Colour Gamut : 72% NTSC

Backlight : direct LED, 50.000 Std. (typ.)

Brightness : 450 cd/m²

Contrast : 1.200:1 (typ.) | 30.000:1 (dynamic)

Viewing Angle H/V : 178° / 178°

Response time : 8 ms

Eye-care : Automatic low-blue light (TÜV Rheinland, Eye-Care), flicker free, EyeSafe TÜV

Operating time hours / day : 18/7

Touch

Manufacturing Technology : Zero Bonding

Protection glass thickness / hardness : 3,2 mm / 9H

Protection glass surface : Anti-glare coating, 25%

Transparency : >88%

Touch Technology : Fine+ IR-Touch

Resolution / Points : 32.768 x 32.768 / 40 Touch-Points

Accuracy : ±1.0 mm

Pen requirement : Min. 2 mm

Response time : < 10 ms

OS Supported : Windows 7/8/10 | Linux | Mac OS X | Android | Chrome

Touch-Output : USB 3.0 (Type B) 3x

Windows-Ink : Yes

BenQ RP7503

Germ-resistance

Glass surface : Nano-ionic silver, TÜV Rheinland certified, SIAA ISO22196

Pen : Yes

Control panel & Front I/O : Yes

Remote control : Yes

Air ioniser : Yes, build in

Sensors

Particle PM2.5 : 1x

Air quality TVOC : 1x

Temperature : 1x

Humidity : 1x

Motion : 1x (Microwave)

NFC : 1x

Light : 1x

Connection of sensors : Android OS, OPS BenQ TEY21B Azure IoT

Integrated OS

SoC : AML311D2

CPU : A73 × 4 + A53 × 4

GPU : G52 MP8

OS : Android 11.0

Memory | Storage : 8GB | 64GB

Pre-Installed Applications : EZWrite 6.0, X-Sign Broadcast, DMS Cloud / Local, TeamViewer Meeting, Teamviewer QS, WPS, Firefox, InstaShare 2, BenQ App Store, more s. user manual

Optional Applications : X-Sign

Input

Video : VGA 1x, HDMI (2.0) 3x, DP (1.2a) 1x

Audio : Microphone (3,5 mm mini jack) 1x

USB-A 2.0 : 2x

USB-A 3.2 Gen 1 : 5x

USB-B 3.0 : 3x (Touch)

USB-C 3.2 Gen 1 : 2x, one of them incl. PD65W

Control : RS232 1x

Network : RJ45 2x (10 / 100 / 1000 Mbps)

OPS Slot : 1x

Output

Video : HDMI (2.0) 1x

Audio : Line-Out (3,5 mm mini jack) 1x, SPDIF 1x

Audio

Audio Performance | Speakers : 20 W | 2x Normal, 1x Subwoofer

Build-in Microphone : 8x

Physical

VESA Mounting : 800 x 400 mm, M8 x 25L

Installation : Landscape

Operation hours / days : 18/7

Wake Up : Lan, HDMI, VGA, DP, Sensor

BenQ RP7503

Energy

Power supply : Build in
Operating voltage : 100 ~ 240 VAC ; 50 / 60 Hz
Power consumption : (90,0 On | <0,5 Sleep | <0,5 Off) Watt
Energy efficiency : Energy 8.0 certified

Certifications

Safety : CE
Certifications : TÜV LBL/FF, SIAA ISO22196, Dolby Digital Plus, EyeSafe, TÜV

Environment

Operating : 0 ~ +40°C ; 10 ~ 90% humidity

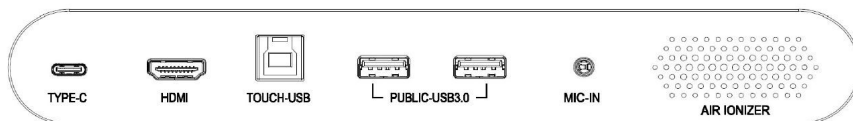
Storage : -10 ~ +60°C ; 10 ~ 90% humidity

Miscellaneous

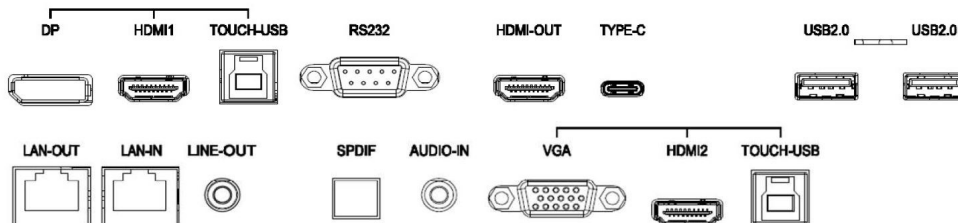
Weight : 55,5 kg (netto) / 70,0 kg (brutto)
Bezel width (U / D / L / R) : 16,6 mm / 16,6 mm / 16,6 mm / 16,6 mm
Size (W x H x D) : 1717,1 x 1065,3 x 121,3 mm
Scope of supply : IR-Remote, Power cable, VGA cable (3,0 m), HDMI cable (3,0 m), USB-B Touch cable (3,0 m), USB-C cable (1,5 m), Quick start Guide, User manual (online), passive pen 2x, Wall mount
Optional Accessories : WD02AT (Wi-Fi 6.0 w. Bluetooth 5.2 Dongle) Item-No. 5A.F8Y28.DE1
Warranty and Service : 3 years on side service

I/O Ports

Front I/O



Rear I/O



Camera USB port

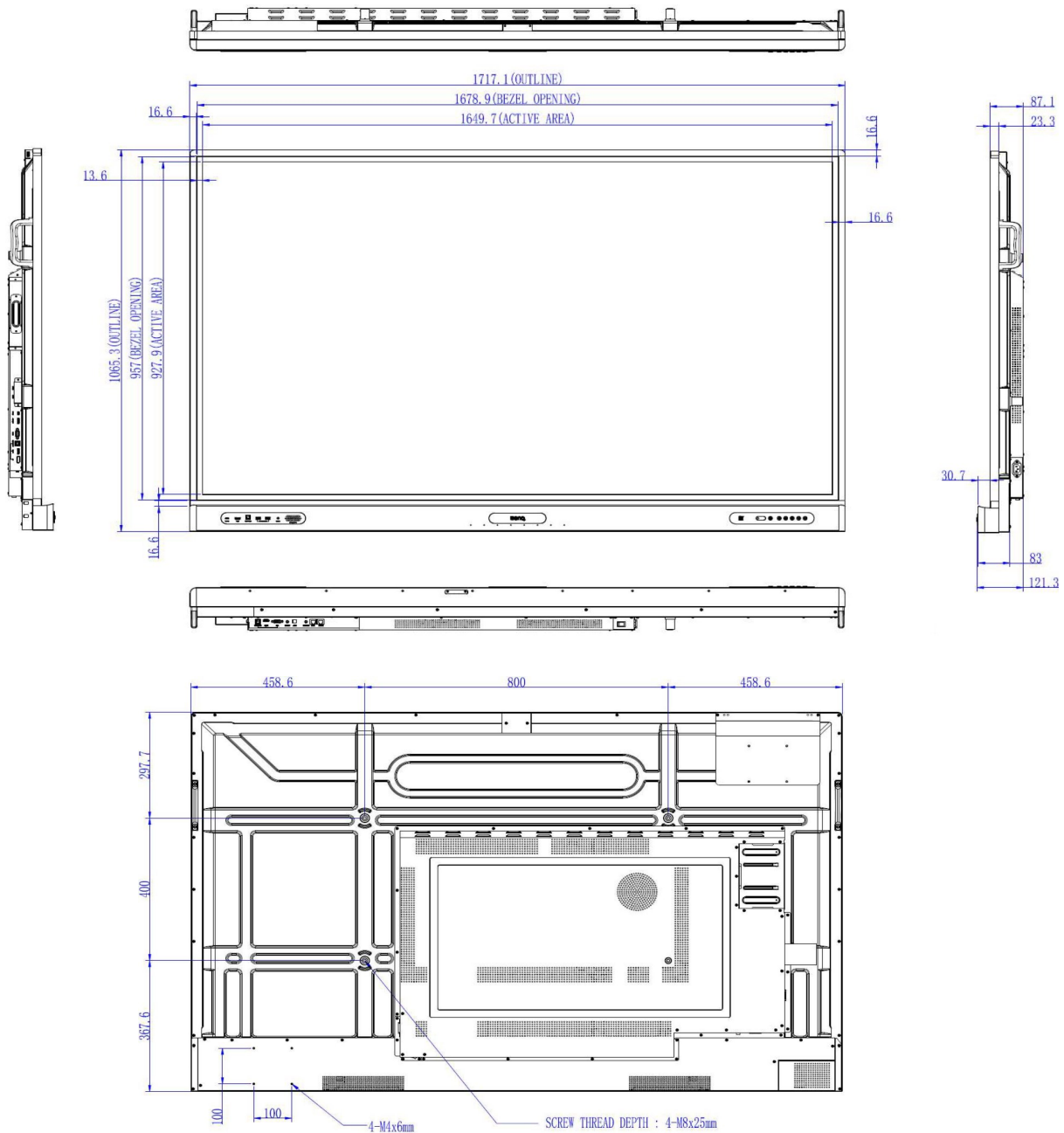


WiFi dongle & Remote controller USB port



BenQ RP7503

Dimensions:



Änderungen vorbehalten

Letzte Änderung am 03.03.2023

Aktuelle Datenblätter unter: www.BenQ.de, www.BenQ.at und www.BenQ.ch

BenQ Deutschland GmbH, Essener Straße 5, 46047 Oberhausen

BenQ Deutschland GmbH, Niederlassung Österreich, Wehlstraße 27b/Stg. 2 DG/ Top5, 1200 Wien

BenQ Deutschland GmbH, Oberhausen, Zweigniederlassung Baden, Täferstrasse 32, 5405 Baden-Dättwil

BenQ