

# Data Sheet

## BenQ RP8603

### Large Format Touch Display

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



Modell : RP8603

Item No. / EAN Code : 9H.F84TK.DEI / 471 8755 08846 9

#### Panel

Type : 218,4 cm / 86" Wide TFT

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

Active Display Area W x H : 1.895,0 x 1.066,0 mm

Panel / Pixel pitch : 10 Bit (1,07 Mrd. colours) / 0,49 x 0,49 mm

Colour Gamut : 72% NTSC

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

Brightness : 450 cd/m<sup>2</sup>

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

Änderungen vorbehalten

Letzte Änderung am 24.10.2022

Aktuelle Datenblätter unter: [www.BenQ.de](http://www.BenQ.de), [www.BenQ.at](http://www.BenQ.at) und [www.BenQ.ch](http://www.BenQ.ch)

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

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# BenQ RP8603

## 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

Build-in Loudspeaker : 16W x 2, 16W x1 Subwoofer, Dolby DD+

Build-in Microphone : 8x

## Physical

VESA Mounting : 800 x 600 mm, M 8 x 25 L

Installation : Landscape

Operation hours / days : 18/7

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

Änderungen vorbehalten

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## Energy

Power supply : Build in  
Operating voltage : 100 ~ 240 VAC ; 50 / 60 Hz  
Power consumption : (142.0 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 : 70,2 kg (net) / 87 kg (gross)  
Bezel width (U / D / L / R) : 16,6 mm / 16,6 mm / 16,6 mm / 16,6 mm  
Size (W x H x D) : 1962,4 x 1203,4 x 121,4 mm

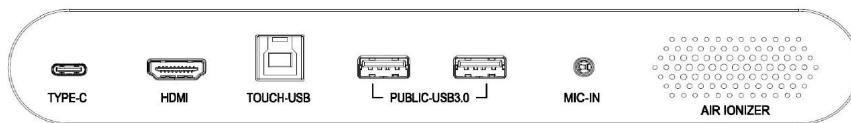
Scope of supply : IR-Remote, Power cable, VGA cable (3,0 m), HDMI cable (3,0 m), USB-B Touch cable (3,0 m), USB-C cable (1,5 m), Quick start Guide, User manual (online), passive pen 2x, Wall mount

Optional Accessories : WD02AT (Wi-Fi 6.0 w. Bluetooth 5.2 Dongle) Item-No. 5A.F8Y28.DE1

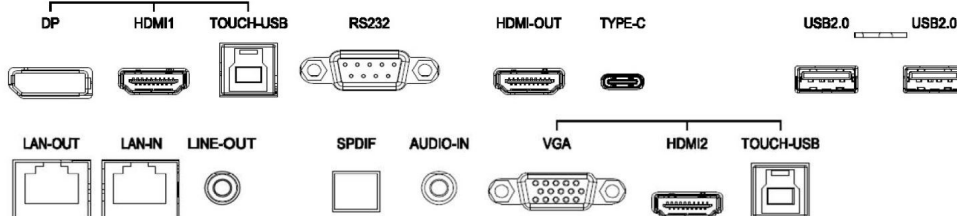
Warranty and Service : 3 years on side service

## I/O Ports

### Front I/O



### Rear I/O



### Camera USB port

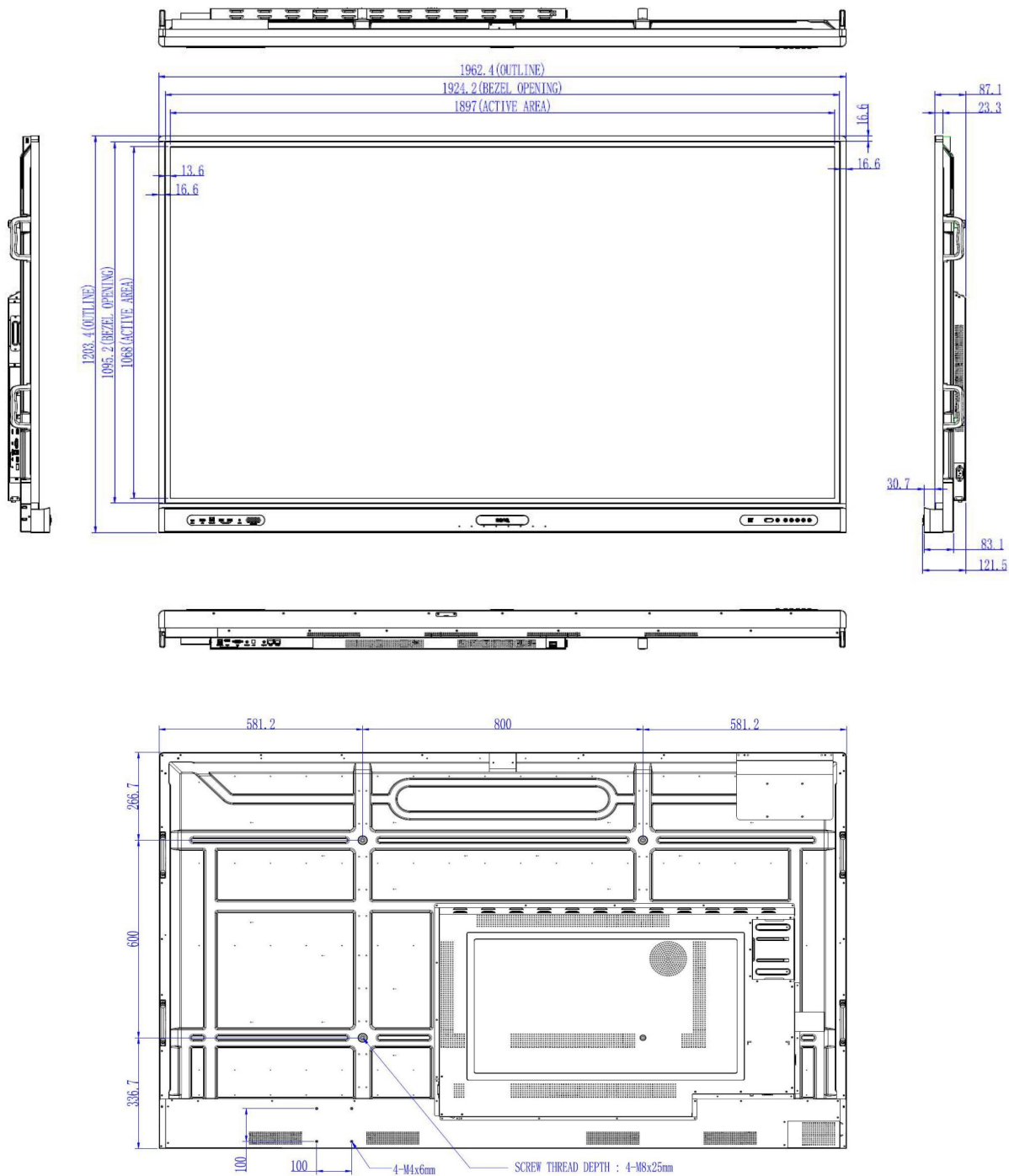


### WiFi dongle & Remote controller USB port



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## Dimensions:



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