

BenQ Board TKDN Series

RE6503N2 TKDN+BMP 52,23% | RE7503N2 TKDN+BMP 52,16% | RE8603N2 TKDN+BMP 50,38%

 **4-core SoC**
High configuration interactive display

 **Android 11**
Versatile and powerful

 **40W Built-in Speaker**
Loud and clear

 **40 Touch Points**
Unleash your creativity

 **5-in-1 Type-C 15W PD**
Display, audio, touch, data, and 15W power charging



 **ClassroomCare®**

 **SIAA Certified for Touchscreen**
Antimicrobial property, safety, and appropriate

 **Germ-Resistant Eyecare solutions**
Safe-to-Touch for touchscreen, touch pen
Eyecare for Low Blue Light, Flicker Free

 **IP5X Dust Proof**
To ensure consistent operation

DISPLAY

Diagonal Size 65", 75", 86"

Display Technology IPS

Backlight DLED

Aspect Ratio 16:9

Resolution UHD 3840 × 2160 pixels

Brightness (typical) 450 nits

Contrast Ratio 1200:1

Dynamic Contrast Ratio 30000:1

LCD Viewing Angle 178°

Panel Refresh Rate 60 Hz

Response Time 8 ms

Panel Bit 10 bits

Panel Lifespan 50,000 hrs

Operating Hour 18 hours/7 days

Glass Hardness 9H tempered

Glass Type 3.2 mm

Germ-Resistant Technology N/A

Panel Surface Anti-Glare, Haze 25%

Display Orientation Landscape

TOUCH

Touch Technology	Infrared touch
Accuracy	±1.0 mm (middle 90% touch area)
Touch Points	Up to 40
Touch Resolution	32767 x 32767
Object Recognition Range	≥2mm
Touch Response Time	≤10 ms
Compatibility	Windows XP/7/8/10/11 Linux Mac OS X Android Chrome

COMPUTING

Operating System	Android 11
CPU	Quad-Core (A55 x 4)
GPU	Mali™-G52 2EE MC1
Memory	4GB
Storage	32GB (Expandable)

AUDIOVISUAL

Built-in Speaker	2 × 20 W (Max)
Array Microphone	N/A
Camera	N/A

CONNECTIVITY

	Front	Rear	Top
HDMI In 2.0	x 1	x 2	
HDMI Out		x 1	
Display port 1.2a		x 1	
VGA In		x 1	
USB-A 3.0 (High speed data transfer & power supply)	x 1	x 2	
USB-A 2.0	x 1		
USB-B 2.0 (Touch)	x 1	x 1	
USB Type-C 2.0 (5-in-1, 15W PD)	x 1		
RS232		x 1	
Earphone (3.5 mm)		x 1	
PC AUDIO-IN (3.5 mm)		x 1	
SPDIF (optical)		x 1	
Power (AC) Inlet		x 1	
OPS Slot		x 1	
Wake up LAN/HDMI/VGA		Yes	
		x 2	
LAN In/Out (RJ45)		OPS: 10/100/1000 Mbps Android: 10/100/1000 Mbps	
Wi-Fi		N/A	

SENSORS

NFC Sensor	NA
Motion Sensor	NA
Air Ionizer	NA
Indoor Air Quality Sensor	NA
Light Sensor	Yes
IR receiver	Yes

POWER

Power Supply	AC 100-240V 50/60Hz
Power consumption (typical)	65": 95.3 W
	75": 114.5 W
	86": 139.3 W

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 6.0
Floating Tool	Yes
Class Recording	Yes
Scalable canvas	Yes
Handwriting recognition	Yes
Co-annotation via intranet	Yes
Co-annotation via internet (Web browser)	Yes

ACCESSORIES

Remote Control, Stylus x 2, Quick Start Guide, 1 x VGA (3m), 1 x HDMI (3m), 1 x USB-B for touch (3m), 1 x USB-C (1.5m), Wall Mount

Model	RE6503N2	RE7503N2	RE8603N2
Dimension (WxHxD) (Without Packing/With Packing)	1482.1 x 87.7 x 891.4 mm / 1640.0 x 185.0 x 1010.0 mm	1716.5 x 87.7 x 1025.8 mm / 1860.0 x 185.0 x 1125.0 mm	1961.8 x 87.7 x 1163.9 mm / 2095.0 x 185.0 x 1265.0 mm
Net Weight/Gross Weight	36.1 KG/49.5 KG	49.0 KG/64.9 KG	63.4 KG/81.3 KG

VESA Mount/Screws

VESA 600 x 400 mm/ M8*25L x 4

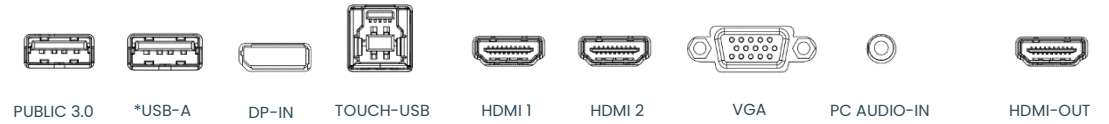
VESA 800 x 400 mm/ M8*25L x 4

VESA 800 x 600 mm/ M8*25L x 4

FRONT

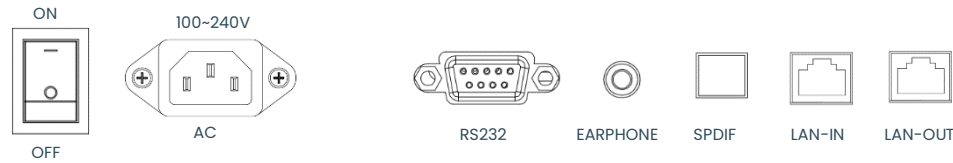


SIDE



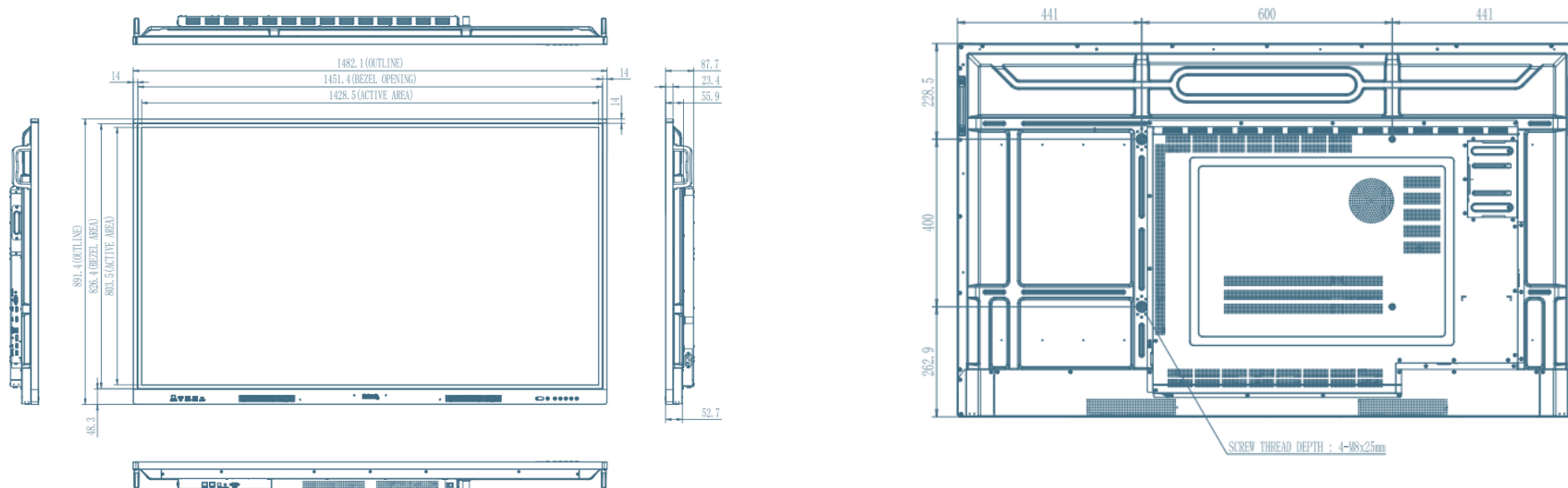
* Using Wi-Fi dongle (TDY31) in this USB-A 3.0 port is recommended.

BOTTOM

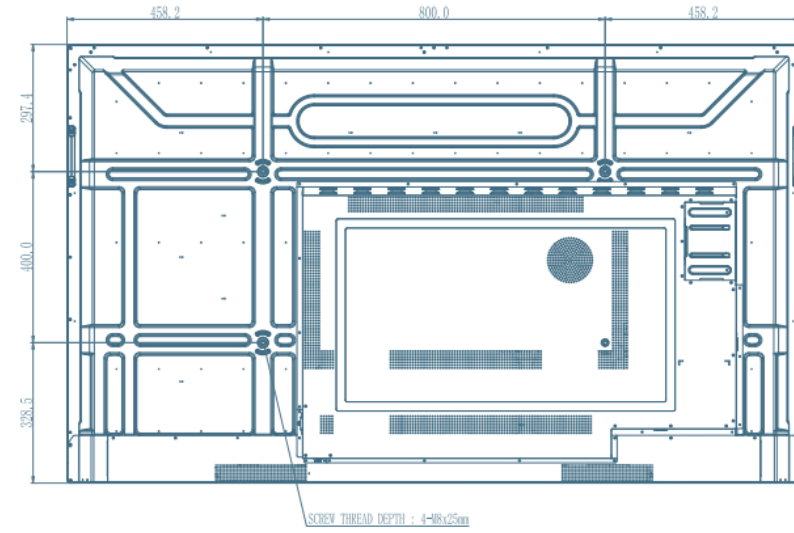
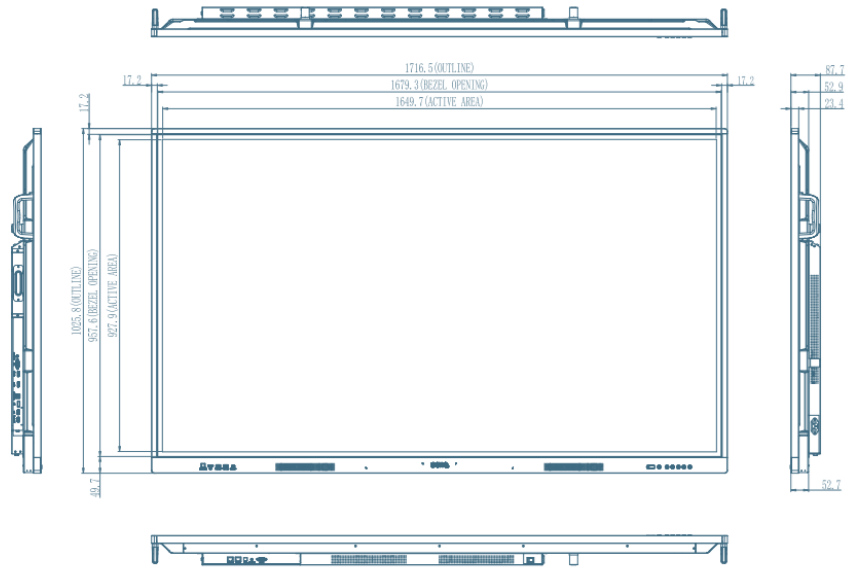


DIMENSION & WALLMOUNT

RE6503N2



RE7503N2



RE8603N2

