


# EDLA BenQ Board


ESSENTIAL series | RE8604A2

 **Quad-core SoC**  
Excellent performance

 **Android 14**  
The latest & most secure update

 **40W Built-in Speaker**  
20W x 2 speakers

 **40 Touch Points**  
Unleash your creativity

 **5-in-1 Type-C 65W PD**  
Display, audio, touch, data, and 65W power charging



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

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

 **IP5X Dust Proof**  
To ensure consistent operation  
IEC standard 60529

## DISPLAY

Diagonal Size	86"
Display Technology	Zero Bonding
Backlight	DLED
Aspect Ratio	16:9
Resolution	3840 x 2160 (4K)
Brightness (typical)	450 cd/m <sup>2</sup>
Contrast Ratio (typical)	1200:1
Contrast Ratio (dynamic)	50000:1
LCD Viewing Angle	178°

Color Gamut	72% NTSC
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, Heat-tempered 3.2 mm
Germ-Resistant Technology	Nano-ionic silver
Panel Surface	Anti-Glare
Display Orientation	Landscape

**TOUCH**

Touch Technology	Precision IR
Accuracy	±1.0 mm (middle 90% touch area)
Max Touch Points	Up to 40
Touch Resolution	32768 x 32768 px
Touch Response Time	< 5 ms
Touch Interface	USB-B 2.0 x 2
Compatibility	Windows 7/8/10/11/ macOS/Linux/Android/Chrome OS

**COMPUTING**

Operating System	Android 14 (EDLA)
CPU	Quad-Core (A73 x 4)
GPU	G52 2EE MC1
Memory	8GB
Storage	128GB

**AUDIOVISUAL**

Built-in Speaker	40 Watts (20 W x 2)
Array Microphone	NA
Camera	Optional

**CONNECTIVITY**

	Front	Rear	Bottom
HDMI In 2.0	x 1	x 2	
HDMI Out 2.0		NA	
Display port 1.2a		NA	
VGA In			NA
Mic in			x 1
USB-A 3.0 (High speed data transfer & power supply)	x 3	x 1	
USB-A 2.0		x 1	
USB-B 2.0 (Touch)	x 1	x 1	
USB Type-C	3.0 x1 (PD 65W)	2.0 x1 (data)	
RS232			x 1
Earphone (3.5 mm)			x 1
SPDIF out (optical)			x 1
Power (AC) Inlet			x 1
OPS Slot		x 1	
Wake-on-LAN/HDMI		Yes	
LAN In/Out (RJ45)		x 2 OPS: 10/100/1000 Mbps Android: 10/100/1000 Mbps	
Wi-Fi 6.0		Yes	
Bluetooth 5.2		Yes	

### SENSORS

NFC Sensor	NA
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
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### 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 (HWR)	49 Languages
Text to Speech (TTS)	67 Languages
Text Translation	59 Languages
Optical Character Recognition (OCR)	37 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, Type-C Cable, Wall Mount

RE8604A2

