

55" BenQ Board Pro – All in One Interactive Display Series Spec Sheet

BenQ/FutureVisuals

All Specifications

Panel

Specification	Value
Screen size	55"
Panel type	ADS
Active area	1209.6 × 680.4 mm
Aspect ratio	16:9
Resolution	UHD 3840 × 2160 pixels
Response time	8 ms
Color depth	10-bit
Orientation	Landscape and Portrait
Operation hours	18 hours / 7 days
Panel brightness (typical)	450 nits
Contrast ratio (typical)	1200:1
Dynamic contrast ratio	50,000:1
Color gamut	90% NTSC
Light life (typical)	50,000 hrs

Glass

Specification	Value
Germ-resistant coating	Nano-ionic silver
Anti-glare coating	Yes
Hardness	9H tempered

Touch Screen

Specification	Value
Touch technology	Capacitive touch
Touch points	up to 50
Response time	< 5 ms

System

Specification	Value
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Memory / Storage	16GB / 256GB		
OS	Android 15.0 (EDLA)		
GPU	Arm Mali-G57 MC2		
CPU	Arm Cortex-A78 × 2 + Cortex-A55 × 6		
Connectivity			
Specification	Value		
HDMI (in / out)	1 × HDMI 2.0 / No		
USB-A	2 × USB 3.0		
USB-C	1 × USB 2.0 + 1 × USB 3.0 (PD 65 W)		
3.5 mm Line out	Earphone × 1		
Slot-in PC (OPS)	1		
Wi-Fi	Wi-Fi 6		
Bluetooth®	Bluetooth 5.4		
Ethernet LAN	10/100/1000 Mbps (Android), 10/100/1000 Mbps (OPS) × 2		
RS-232	1 / 0		
Built-in Peripherals			
Specification	Value		
NFC sensor	Yes		
Ambient light sensor	Yes		
IR sensor	Yes		
Microphone	8-microphone array (range: up to 12 m / 39 ft)		
Speaker	2 × 15 W		
Camera	1 (50MP, FOV 160°)		
Power			
Specification	Value		
ENERGY STAR®	Yes		
Power	AC 100–240V 50/60Hz		
Standby power consumption	< 0.5 W		
Typical power consumption	62 W		
Physical			

Specification	Value			
Dimensions (W × H × D)	1272.8 × 768.8 × 86.7 mm (50.1 × 30.2 × 3.4 inch)			
Shipping dimensions (W × H × D)	1380 × 880 × 220 mm (54.3 × 34.7 × 8.7 inch)			
Weight (product / shipping)	31.0 kg / 40.5 kg (68.3 lbs / 89.3 lbs)			
Mount (screws)	VESA 400 × 400 mm (4 × M6 × 20L)			
Environment				
Specification	Value			
Operating temperature	0°C ~ 40°C (32°F ~ 104°F)			
Storage temperature	-10°C ~ 60°C (14°F ~ 140°F)			
Storage humidity	20% ~ 90% RH (non-condensing)			
Operating humidity	20% ~ 80% RH (non-condensing)			
Software				
Specification	Value			
Whiteboarding	EZWrite 6.0			
Wireless screen sharing	InstaShare 2			
Device management	DMS			
Account management	AMS			
Quick access tool	Floating Tool			
Broadcast system	X-Sign Broadcast			
Flicker Free	Yes			
Low Blue Light	Yes			
Accessories				
Specification	Value			
Cables	1 × HDMI (3 m / 9.8 ft), 1 × USB-B for touch (3 m / 9.8 ft), 1 × USB-C (1.5 m / 4.9 ft)			
Wall Mount (with shipment)	1			
Stylus	Active × 1, Passive × 1			