

BESTBOARD R5D SMART DISPLAY

Bestboard® R5D is well designed and carefully curated to be a comprehensive teaching tool for modern flipping learning; it combines Interactive Whiteboard, Stereo Audio System and Wireless Mirroring/Broadcasting Servers, R5D's intelligent design solves the hassles of complex AV integration and transforms your conventional classroom into a future-proof ready Hybrid Teach workspace.

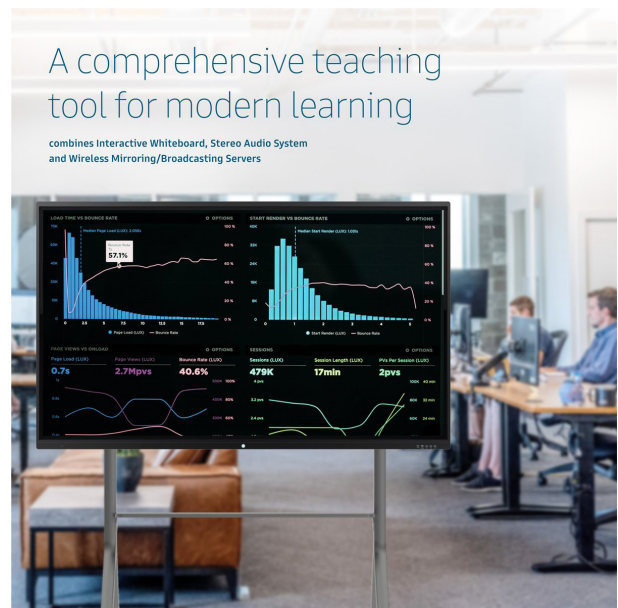
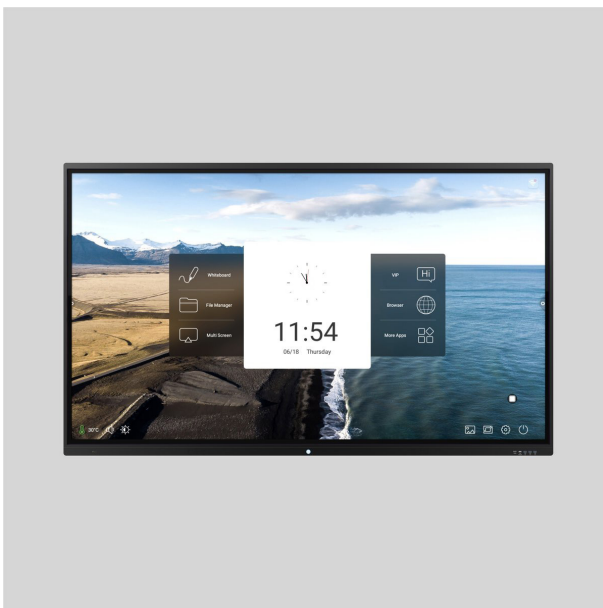
Key feature

- 4K ultra-high-definition display, narrow bezel design, front USB port that switches with the channel
- Custom Android system design:
 - 1, Autonomous Android system design
 - 2, Built-in smart core and operating system
- The system can be equipped with ultra-thin plug-in PC module, and built-in video conference software under the PC channel
- Touch technology:
 - 1, Anti-light interference (use as usual under direct sunlight)
 - 2, The touch algorithm is highly optimized, the response speed is fast, and the writing and presentation fluency is high
- Integration of display, touch and smart core
 - 1, HD image processing engine
 - 2, Smart display chip, smart Android operating system
 - 3, Any channel can realize writing annotations
- In standby mode, VGA channel and HDMI channel signal input intelligent wake-up
- Support wireless screen share
- Wifi 802.11 a/b/g/n/ac, Working Frequency 2.4GHZ and hotspot supports Dual band 2.4/5GHz
- Environmental adaptation (passed 0°-40° environment simulation test)
- With channel memory function, enter the homepage by default
- One-key black screen (energy saving, environmental protection, improve service life)
- Pass EMC test (radiation is far lower than EU standard to ensure green and healthy products)

Main Specification

- Model Name: R5D
- Size: 65", 75", 86", 98" and 110"
- Display: 4K, 3840 x 2160 resolution
- Glass: 7H Hardness Full laminated AG Explosion-Proof Matt Tempered Glass
- Protection: Anti-glare, Anti-blue light, Anti-fingerprint, Antibacterial (optional)

- Touch: 20-point Infrared Touch, supports Finger and Stylus
- Speaker: 15W x2
- Embedded OS: Android 11.0
- CPU: Quad-core ARM Cortex-A55 1.9GHz/ GPU: Mali-G52 MP2(2EE)
- RAM: 4GB/ Storage: 32GB
- Connectivity: Wifi: 802.11 a/b/g/n/ac; Working Frequency 2.4GHZ and hotspot supports Dual band 2.4/5GHZ, Bluetooth 4.0, LAN (Gigabit Ethernet 10/100/1000Mbps)
- Output: AV x1, Earphone x1, SPDIF x1
- Input: HDMI In x3, USB 2.0 x1, USB 3.0 x4, Touch USB x2, AV x1, RS232 x1, RJ45 x1



Display Parameters

Part	Parameter	Description				
LCD	Model	R5D65	R5D75	R5D86	R5D98	R5D110
	Size	65inch	75inch	86inch	98inch	110inch
	Screen type	IPS				
	Response Time	6.5ms	6ms	8ms		
	Aspect Ratio	16:9				
	Display Area	1428.48x 803.52	1649.66x 927.93	1895.04x 1065.96	2158.848x 1214.352	2436.48x 1370.5
	Resolution	3840(H)x2160(V)				
	Pixels pitch	0.372x 0.372mm	0.429x 0.429mm	0.4935x 0.4935mm	0.5622x 0.5622mm	0.2115 × 0.6345mm
	Refreshing Frequency	60Hz				120Hz
	Display Color	1.07B (10bit)				
	NTSC	72%				
	Contrast Ratio	1200:1				
	Viewing Angle	178°(H/V)				
	Backlight Type	DLED				
	Brightness	350cd/m ²				
	Service Life	≥30000 Hours				
Sound	Output Power	15W x 2				
Touch System	Sensing Type	Infrared recognition				
	TP Glass	Tempered glass, AG, AF				
	Touch Point	20 points				
	Support System	Windows 10/8/7/XP; Android; Linux; Mac OS X; Chrome				
	Minimum Object Size	2mm				
	Touch Tool	Finger, Passive infrared pen				
	Response Time	< 8ms				
	Touch Accuracy	±1mm (More than 90% touch area)				
	Writing Height	3.5mm				
	Hardness of Glass	7H				

	Interpolation Res.	32768(W)x32768(D)				
Built-in System	System Version	Android 11.0				
	Chip	Amlogic T982				
	CPU	Quad-core ARM Cortex-A55 1.9GHz				
	GPU	Mali-G52 MP2(2EE)				
	RAM	4GB				
	ROM	32GB				
	Wi-Fi	Version	802.11 a/b/g/n/ac			
Working Frequency		2.4GHz and hotspot supports Dual band 2.4/5GHz				
Working Distance		0~12m				
Interface	I/O Port	HDMI In x3, USB 2.0 x1, USB 3.0 x4, Touch USB x2, AV x2, SPDIF x1, RS232 x1, RJ45 x1				
Power	Requirement	100-240V~50/60Hz				
	Overall Power (Max.)	210W	300W	380W	400W	600W
	Current Input	2.5A	3.0A	4.0A	4.5A	7.5A
	Standby Power	≤0.5W				
Ops System Optional	OI5	Intel Core i5, DDR4 8GB, M.2 128GB(SSD)				
	OI7	Intel Core i7, DDR4 16GB, M.2 256GB(SSD)				
	System	Windows 10 Pro				
Physical Specifications	Dimension (L x H x D)	1486x910x 90.5mm	1708x1035x 90.5mm	1954x1174x 90.5mm	2225x1331x 99.9mm	2522x1482x 101mm
	Net Weight	39kg	56kg	64kg	98kg	138kg
	Gross Weight	49kg	68kg	83kg	143kg	174kg
Accessories	Content Packing	Power Cable x1 (1.5m); Writing Pen x2; Remote Control x1; Wall Mount x1; Quick Guide x1				
Environmental	Operation	Temperature: 0°~40°C / Humidity: 10%~90%RH				
	Storage	Temperature: -20°~60°C / Humidity: 10%~90%RH				
	Altitude	Below 5000 meters				