

The journey of Raptor Hardware began in 2010, with the ultimate aim of harnessing the power of technology in shaping the future by bringing in cutting-edge technology, equipment and resources to meet the requirements of different sectors like education, business and e-commerce.

We majorly deal with Interactive whiteboards (IWB) and Interactive flat panels (IFP). All our eminent products come under the well-established brand name 'Raptor' that has created a niche for itself in the education industry, through its quality educational solutions that help create dynamic learning environments.We are delighted to have more than 10,000 classrooms installed with Raptor's interactive solution.

We have a highly skilful technical team of professionals well trained in setting up of smart environments for schools and businesses. Our unrivalled commitment to customer service has established us as one of the best and most trusted in the industry through our services that are flexible, time efficient and user friendly.

Our Predominant Clients







Raptor Smart Classroom Solution













MULTIPLE OS

COMPATIBLE

Classrooms, Board Rooms, Training Rooms make way for an irresistible Clutter Free Replacement of the traditional white board-projector based rooms

CREATE | COLLABORATE | COMMUNICATE

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www.raptoredu.com

ALL-IN-ONE INTERACTIVE SOLUTION









ANNOTATION OVER CONTENT

INTERACTIVE WHITEBOARD (IWB) TOUCH BASED RYTC080

RAPTOR

STRUCTURES

FRAME -

Brushed Aluminum alloy frame, width 59mm thick: 1.3mm, strong, anti-scratch. (SR Painted super-narrow aluminum alloy frame, width: 29mm)

INTERLAYER -

Honeycomb panel 15.5mm thick with wood frame, anti-deformation, excellent heat resistance (Max.70°C) and high firmness (bearing capacity: 25T/sqm).

Honeycomb panel can be sticked firmly with other layer, no blister generated, to ensure the board surface horizontal and smooth.

Environmental protective glue used, no smell, pollution free, excellent thermostability

- SURFACE

Metal projection panel, anti-deformation and anti-scratch, also convenient to use magnetic button to make presentation

Ceramic panel optional available for 79" and 88", dry erase, anti-scratch.

SMART PEN HOLDERS

4 smart pen holder with different colors, fast to fetch and write. (SR does not have smart pen holder)

 BACK Galvanized metal panel, firm, anti-rust, anti-deformation.

 CORNER Arc corner, ABS + PC material, strong enough to protect the components inside.

SPECIFICATIONS

Sensor Type	Infrared Technology		
Calibration	4 Points		
Resolution	32768*32768		
Power Consumption	<=70mA		
Cursor Speed	180dot/s		
Transmission Speed	12m/s		
Scanning Speed	First point: 16ms, continuous points: 8ms		
Working Temperature	-20°C to +60°C		
Working Humidity	10% to 90%		
Position Precision	<=0.1mm		
Surface Material	Metal projection panel for front,		
	Galvanized metal panel for back		
Position Precision	USB Cable or Wireless Module		
Power Supply	USB power less than 5V/100mA		
Operating Systems	Windows XP, Windows 7, Windows 8, MAC, Linux, Vista		

FEATURES

- Plug-and-play for windows system Modular structure design, easy to assemble and maintain.
- Wireless module optional.
- Patented synchronizing multi-scanning technologies, true multi-point writing.
- 10 Points Touch (different users at the same time.)
- Improved algorithm and optimized structure with better performance.
- Eye-catching design with qualified aluminum alloy frame.
- Patented self adaptive hardware and firmware technology, with excellent anti-light performance and excellent resistance to deformation of the board.
- Serial bus connection technology, easy to assemble and maintain.

INTERACTIVE FLAT PANEL (IFP)

PANEL FEATURES	Model : RP65, RP75, RP86 Series		
Resolution	3840(H) x 2160(V)		
Display Color	1.07 Billion Colours		
Pixel Pitch	0.430(H)*0.430(V)		
View Angle	178°(H/V)		
Speaker output	15W x 2		
INPUT & OUTPUT PORTS			
VGA Input	1		
Multi-Media USB	5		
HDMI Input	2		
DP Input	1		
Rs232	1		
RJ-45	2 (1input & output)		
Touch input	2		
Audio Input	1		
Bluetooth 5.0	1		
WIFI	Dual WIFI (5G & 2.4G)		
SPDIF	1		
MIC	1		
Ypbpr Input	1		
AV Input	1		
AV Output	1		
Earphone	1		
TOUCH SCREEN			
Touch Resolution	32768 x 2768		
Touch Accuracy	1mm		
Annotation	Yes		
Respones Time	< 5ms		
Palm Detection	Yes		
Palm Detection Pen and Touch Differentiation	Yes		
Pen and Touch	Yes Windows 10/8/7/XP/Linux/Mac/Android/Chrome		
Pen and Touch Differentiation OS Compatibility ANDROID			
Pen and Touch Differentiation OS Compatibility			
Pen and Touch Differentiation OS Compatibility ANDROID	Windows 10/8/7/XP/Linux/Mac/Android/Chrome		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash RAM	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5 4GB DDR4		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash RAM Touch OPS PC	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5 4GB DDR4 20 points		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash RAM Touch OPS PC CPU	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5 4GB DDR4 20 points Intel Core i5		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash RAM Touch OPS PC CPU Memory	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5 4GB DDR4 20 points Intel Core i5 8GB		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash RAM Touch OPS PC CPU Memory SSD	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5 4GB DDR4 20 points Intel Core i5 8GB 256GB		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash RAM Touch OPS PC CPU Memory SSD USB	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5 4GB DDR4 20 points Intel Core i5 8GB		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash RAM Touch OPS PC CPU Memory SSD USB VGA	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5 4GB DDR4 20 points Intel Core i5 8GB 256GB 5 (3*3.0: 2*2.0) 1		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash RAM Touch OPS PC CPU Memory SSD USB VGA RS232	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5 4GB DDR4 20 points Intel Core i5 8GB 256GB 5 (3*3.0: 2*2.0) 1 1		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash RAM Touch OPS PC CPU Memory SSD USB VGA RS232 DP	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5 4GB DDR4 20 points Intel Core i5 8GB 256GB 5 (3*3.0: 2*2.0) 1 1 1		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash RAM Touch OPS PC CPU Memory SSD USB VGA RS232 DP HDMI	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5 4GB DDR4 20 points Intel Core i5 8GB 256GB 5 (3*3.0: 2*2.0) 1 1		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash RAM Touch OPS PC CPU Memory SSD USB VGA RS232 DP HDMI RJ-45	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5 4GB DDR4 20 points Intel Core i5 8GB 256GB 5 (3*3.0: 2*2.0) 1 1 1		
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Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash RAM Touch OPS PC CPU Memory SSD USB VGA RS232 DP HDMI RJ-45	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5 4GB DDR4 20 points Intel Core i5 8GB 256GB 5 (3*3.0: 2*2.0) 1 1 1 2 1		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash RAM Touch OPS PC CPU Memory SSD USB VGA RS232 DP HDMI RJ-45 Audio Out	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5 4GB DDR4 20 points Intel Core i5 8GB 256GB 5 (3*3.0: 2*2.0) 1 1 1 1 1 1 1 1 1		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash RAM Touch OPS PC CPU Memory SSD USB VGA RS232 DP HDMI RJ-45 Audio Out MIC	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5 4GB DDR4 20 points Intel Core i5 8GB 256GB 5 (3*3.0: 2*2.0) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash RAM Touch OPS PC CPU Memory SSD USB VGA RS232 DP HDMI RJ-45 Audio Out MIC WIFI	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5 4GB DDR4 20 points Intel Core i5 8GB 256GB 5 (3*3.0: 2*2.0) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash RAM Touch OPS PC CPU Memory SSD USB VGA RS232 DP HDMI RJ-45 Audio Out MIC WIFI POWER SUPPLY	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5 4GB DDR4 20 points Intel Core i5 8GB 256GB 5 (3*3.0: 2*2.0) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Pen and Touch Differentiation OS Compatibility ANDROID OS Version CPU GPU Flash RAM Touch OPS PC CPU Memory SSD USB VGA RS232 DP HDMI RJ-45 Audio Out MIC WIFI POWER SUPPLY Input voltage	Windows 10/8/7/XP/Linux/Mac/Android/Chrome Version 8.0 1.5GHz Dual-Core A73 and Dual-Core A53 Quad-Core MaliG51 32GB EMMC5 4GB DDR4 20 points Intel Core i5 8GB 256GB 5 (3*3.0: 2*2.0) 1 2 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 2		

SIZES

Diagonal Size	65 inches	75 inches	86inches
Dimension (L*H*D)	1486 x 909 x 89.9mm	1707 x 1034 x 90.6mm	1970.1 x 1184.7 x 104.1mm
Net Weight	39.5kg	53.8kg	107kg
VESA Wall Mount	500mm*400mm	600mm*400mm	600mm*400mm
Power Required	\leq 230W	\leq 300W	\leq 400W

FEATURES YOU WOULD LOVE TO WORK WITH

SCREEN CAST



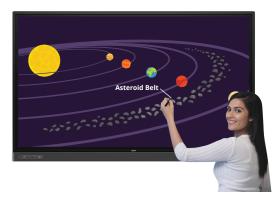
An ultimate experience in screen sharing, Create, write or share files and videos directly from your screen or make changes to share in real time.

4K DISPLAY EXPERIENCE



Clear and sharp pictue with enhanced visibility from a wide angle, with the optically bonded glass layer.

MULTI-TOUCH RESPONSIVE



More hands on interaction with upto 10 touch points. Enhances user experiences in collaboration and team work.

