



THIS DOCUMENT CONTAINS SPECIFICATIONS FOR

ActivBoard Touch

DESCRIPTION

The ActivBoard Touch is a USB HID standard interactive whiteboard with six touch points, optional digital pen, two stylus and a dry-erase surface.* The ActivBoard Touch is available in 4:3 and 16:10 aspect ratios (78" and 88" nominal sizes). It includes Promethean's ActivInspire Professional Edition software and manufacturer's comprehensive warranty. Extended warranty options are available for up to five years advanced replacement and on-site support.**

SYSTEM OVERVIEW

Installation	The installation of this product should be completed by a Promethean Certified Installer. Use of components not supplied by Promethean or not meeting minimum specifications may impact performance and affect warranty. Contact your Promethean partner or visit www.PrometheanKB.com for more information.
Warranty	For Promethean Warranty Terms and Conditions, please visit: www.PrometheanWorld.com/ActivCare
Support	For Online Support for all Promethean Products, please visit: www.PrometheanKB.com

SYSTEM REQUIREMENTS

Operating Systems	Windows 7 to 10; Mac OSX 10.6 - 10.10; Linux Ubuntu 12.04. For system requirements for ActivInspire Professional, please see the ActivInspire Specification Sheet.
--------------------------	---

UPGRADE AND ACCESSORY OPTIONS

Cable Wall Box	Connectivity box with inputs for 2 x fully wired VGA (to support VESA DDC) plus 3.5mm stereo jack audio inputs, USB-B input (for ActivBoard), S-Video, composite video plus auxiliary audio jack inputs, Cat 5e Ethernet input. Allows additional flexibility during installation, where the computer is located further away from the system.		
ActivSoundBar	The Promethean ActivSoundBar provides a powerful, high-quality stereo sound option for classrooms and meeting rooms. Signal input is via a 3.5mm stereo jack or dual RCA sockets. Brackets are included to fix the ActivSoundBar to the top edge of the ActivBoard Touch.		
Digital Pen	Compatible with six touch board only: HID digitizer pen or mouse, independent and non-concurrent of touch. The barrel, with a left-click switch, is designed to the ergonomics and mechanics of left & right		
Mounts & Stands	Options:	Wall Mounted	Mobile Stand
	Fixed Height	78" & 88" with ST, UST & EST	Limited availability
	Adjustable Height	88" with ST, UST & EST	88" with EST

TECHNICAL SPECIFICATIONS

	ActivBoard Touch 78" – 6 Touch	ActivBoard Touch 88" – 6 Touch	ActivBoard Touch 78" – 2 Touch	ActivBoard Touch 88" – 2 Touch
DISPLAY				
Diagonal Size	78"	88"	78"	88"
Aspect Ratio	4:3	16:10	4:3	16:10
Display Area	1585mm x 1189mm (62.4in x 50.9in)	2006mm x 1189mm (78.9in x 50.9in)	1585mm x 1189mm (62.4in x 50.9in)	2006mm x 1189mm (78.9in x 50.9in)
Surface	Dry-erase	Dry-erase	Dry-erase	Dry-erase
INTERACTIVITY				
System	Windows® 7 to 10; Mac OS X® 10.6 – 10.10; Linux Ubuntu® 12.04 – 14.04	Windows® 7 to 10; Mac OS X® 10.6 – 10.10; Linux Ubuntu® 12.04 – 14.04	Windows® 7 to 10; Mac OS X® 10.6 – 10.10; Linux Ubuntu® 12.04 – 14.04	Windows® 7 to 10; Mac OS X® 10.6 – 10.10; Linux Ubuntu® 12.04 – 14.04
Continuous Touch Points	6 for drawing & gestures	6 for drawing & gestures	2 for drawing & gestures	2 for drawing & gestures
Digital Pen	1 (optional upgrade)	1 (optional upgrade)	None	None
Gestures & Edge Swipes	Windows® 8.1 Optimised	Windows® 8.1 Optimised	Windows® 8.1 Optimised	Windows® 8.1 Optimised
USB HID Multitouch & Pen	Yes – USB "B" 2.0	Yes – USB "B" 2.0	Yes – USB "B" 2.0	Yes – USB "B" 2.0
Technology	Infrared	Infrared	Infrared	Infrared
Resolution	32,768 × 32,768	32,768 × 32,768	32,768 × 32,768	32,768 × 32,768
Object Size Resolution	>8mm	>8mm	>8mm	>8mm
Positioning Accuracy	<2mm	<2mm	<2mm	<2mm
Tracking Rate	>200 inches / sec	>200 inches / sec	>200 inches / sec	>200 inches / sec
Output Rate	100Hz	90Hz	100Hz	100Hz
Response Time (First Click)	20ms	22ms	20ms	20ms
Response Time (Subsequent Click)	10ms	11ms	10ms	10ms
Scan Speed	10ms	11ms	10ms	10ms
Service Life	60,000 hrs	60,000 hrs	60,000 hrs	60,000 hrs
Sensor to Display	1mm	1mm	1mm	1mm
PHYSICAL				
Power Requirements	via USB	via USB	via USB	via USB
Dimension	1688mm x 1292mm x 40.3mm (66.5in x 50.9in x 1.6in)	2006mm x 1292mm x 40.3mm (78.9in x 50.9in x 1.6in)	1688mm x 1292mm x 40.3mm (66.5in x 50.9in x 1.6in)	2006mm x 1292mm x 40.3mm (78.9in x 50.9in x 1.6in)
Net Weight	16.5kg (36.4lb)	19.6Kg (43.2lb)	16.5kg (36.4lb)	19.6Kg (43.2lb)
Packed Dimensions	1830mm x 1400mm x 100mm (72in x 55.1in x 3.9in)	2148mm x 1422mm x 100mm (84.6in x 55.6in x 3.9in)	1830mm x 1400mm x 100mm (72in x 55.1in x 3.9in)	2148mm x 1422mm x 100mm (84.6in x 55.6in x 3.9in)
Packed Weight	24.0kg (52.9lb)	29.7kg (65.5lb)	24.0kg (52.9lb)	29.7kg (65.5lb)

TECHNICAL SPECIFICATIONS

	ActivBoard Touch 78" – 6 Touch	ActivBoard Touch 88" – 6 Touch	ActivBoard Touch 78" – 2 Touch	ActivBoard Touch 88" – 2 Touch
TOTAL COST OF OWNERSHIP				
Warranty**	Up to 5 years with options for Return for Repair, Advanced Replacement & On-Site Support	Up to 5 years with options for Return for Repair, Advanced Replacement & On-Site Support	Up to 5 years with options for Return for Repair, Advanced Replacement & On-Site Support	Up to 5 years with options for Return for Repair, Advanced Replacement & On-Site Support
ENVIRONMENTAL				
Operating Temperature	0°C to +50°C (32°F to +122°F)	0°C to +50°C (32°F to +122°F)	0°C to +50°C (32°F to +122°F)	0°C to +50°C (32°F to +122°F)
Storage Temperature	-30°C to +60°C (-22°F to +140°F)	-30°C to +60°C (-22°F to +140°F)	-30°C to +60°C (-22°F to +140°F)	-30°C to +60°C (-22°F to +140°F)
Storage Humidity	0% to 90% (non-condensing)	0% to 90% (non-condensing)	0% to 90% (non-condensing)	0% to 90% (non-condensing)
COMPLIANCE & CERTIFICATION				
UL / CUL	✓	✓	✓	✓
CE	✓	✓	✓	✓
FCC	✓	✓	✓	✓
CB	✓	✓	✓	✓
CCC	✓	✓	✓	✓
C-TICK	✓	✓	✓	✓
PACKED CONTENTS				
ActivBoard	x1	x1	x1	x1
ActivInspire License Key	x1	x1	x1	x1
Stylus	X2	X2	X2	X2
USB Cable	x1 (3m)	x1 (3m)	x1 (3m)	x1 (3m)
Wall Mounting Brackets	x1	x1	x1	x1
Installation Guide	x1	x1	x1	x1
User Guide	x1	x1	x1	x1

OPTIONAL EXTRA TECHNICAL SPECIFICATIONS

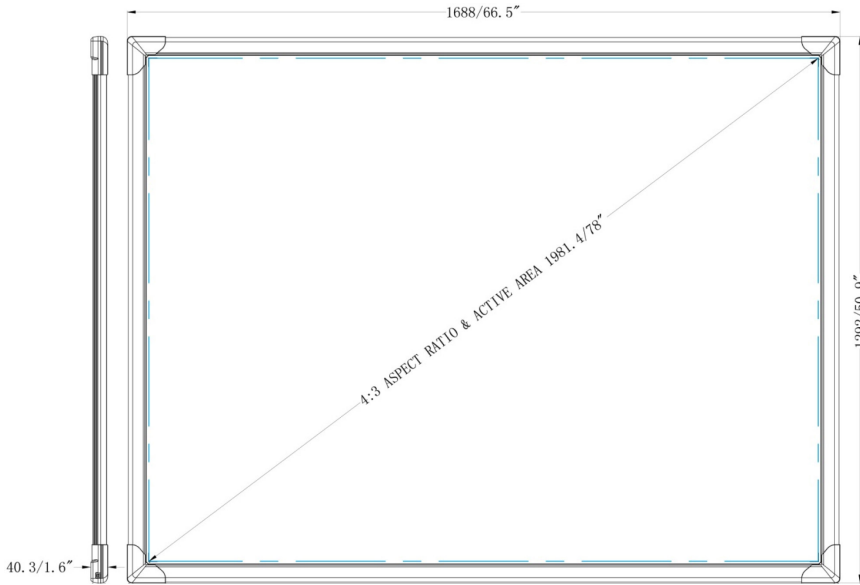


DIGITAL PEN

Pen Function	HID pen digitizer or mouse independent and non-concurrent of touch
Left Click	Mechanical tip switch
Right Click	Barrel button
Hover	Yes
Nib Diameter	8mm (0.34in)
Positional Accuracy	+/-4mm (0.17in)
Valid Pen Angle	90 to 45 degrees
Pen Position Update Rate	65Hz
Battery	AAA non-rechargeable
Battery Life	>1 year
Pen Serviceable Parts	Battery & nib
Pen Storage	Pot attached to ActivBoard Touch to protect pen and preserve battery life
Weight	37g
Size	170mm x 19mm x 23 mm (7.7in x 0.75in x 0.91in)
Operating Temperature	0°C to +40°C (32°F to 104°F)
Storage Temperature	-20°C to +60°C (14°F to 140°F)
Operating Humidity	20% to 80% non-condensing
Storage Humidity	10% to 90% non-condensing
0.5W EU directive	Radio and Telecommunications Terminal Equipment Directive 199/5/EC. Electromagnetic Compatibility (EMC) Directive 2004/108/EC and Low Voltage Directive (LVD) 2006/95/EC.
ROHS	Compliant
WEEE	Compliant
CE	EN 300 440-1; EN 300 440-2; EN 301 489-3; EN 55024; EN55022
FCC / IC	FCC CFR 47 Part 15 Subpart C; ICES-003
Safety	EN60950-1; IEC60950-1; UL60950-1; CAN/CSAC22.2 NO: 60950-01-07

TECHNICAL DRAWING SPECIFICATIONS

ActivBoard Touch (78" 4:3)



ActivBoard Touch (88", 16:10)

