



ActivBoard 500 Pro

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### THIS DOCUMENT CONTAINS SPECIFICATIONS FOR

ActivBoard

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#### DESCRIPTION

The ActivBoard 500 Pro with Dual-User Pen and Touch capability is available in 87" and 95" versions with integrated slim-line speakers and amplifier, ActivInspire Professional Edition, Promethean ActivOffice and Promethean Applications software.

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#### SYSTEM OVERVIEW

##### Installation

The installation of this product should be completed by a Promethean Certified Installer. Please visit [www.PrometheanWorld.com/ActivCare/installationtc](http://www.PrometheanWorld.com/ActivCare/installationtc). Components supplied and minimum specifications stated have been tested and are required for optimal performance. 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](http://www.PrometheanKB.com) for more information

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##### Warranty

For Promethean Warranty Information please visit: [www.PrometheanWorld.com/ActivCare](http://www.PrometheanWorld.com/ActivCare)

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##### Support

Online Support for all Promethean Products available from: [www.PrometheanKB.com](http://www.PrometheanKB.com)

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#### 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

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##### ActivWand 50

Wireless, battery-free and extended reach input device for the ActivBoard – 540mm (21.2in) in length; "left click", cursor and hover, just like a mouse

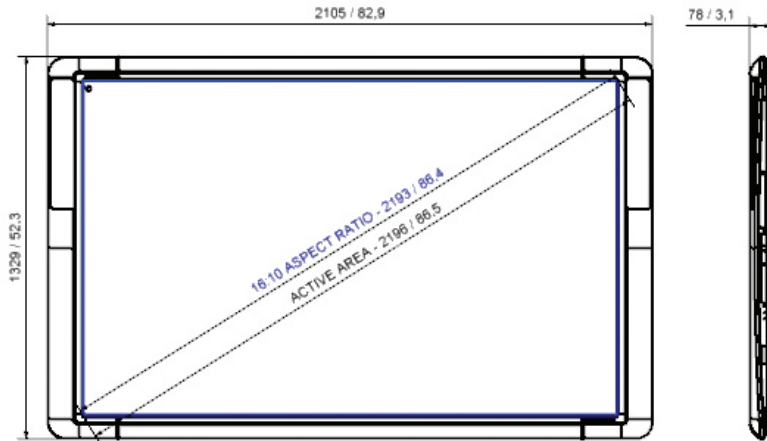
# ActivBoard 500 PRO

INTERACTIVE WHITEBOARD

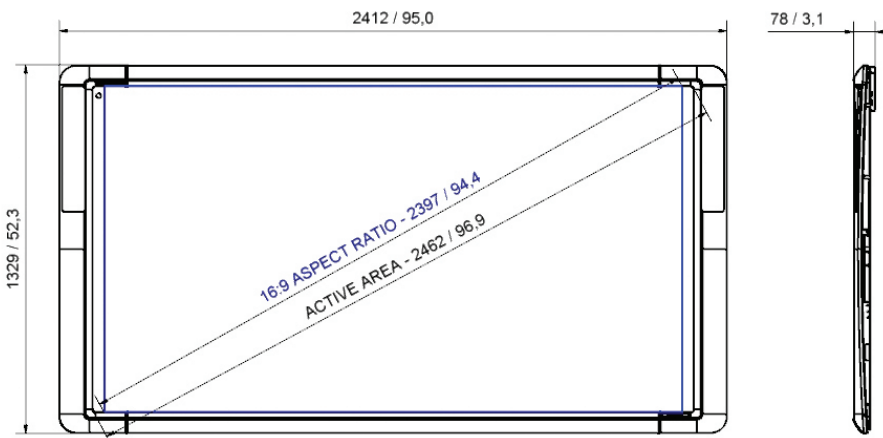
## Product Specifications

### TECHNICAL DRAWING

ActivBoard 587 Pro



ActivBoard 595 Pro



ActivBoard Systems/Boards SS 11/11 V2.0 US

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### ACTIVBOARD GENERAL SPECIFICATIONS

<b>Model</b>	ActivBoard 500 Pro Range
<b>Pen Internal Resolution</b>	2730 points (lines) per inch
<b>Pen Output Resolution</b>	200 points (lines) per inch
<b>Pen Tracking Rate</b>	200 inches per second providing a fast response to pen commands
<b>Pen Output Rate</b>	160 coordinate pairs per second (single user) 80 coordinate pairs per second (dual user)
<b>User Input</b>	Cordless battery-free pen incorporating tip switch and side switch for full mouse functionality (ActivPen) and touch
<b>Touch Resolution</b>	200 points (lines) per inch
<b>Touch Output Rate</b>	80 coordinate pairs per second
<b>Touch Response Rate</b>	10 ms
<b>Maximum Simultaneous Touches</b>	2 with ActivInspire (Minimum requirement of 1.5 ActivInspire Professional Edition) 4 with Windows 7
<b>Digitizing Technology</b>	Passive Electromagnetic and Capacitive sensing interface
<b>Power Requirement</b>	Mains Powered; 18V Power Supply Unit
<b>Connection to Computer</b>	USB 2.0, 1 x 3m USB 2.0 data cable supplied
<b>Connection to Peripherals</b>	2 x USB ports on left hand side
<b>Screen Surface</b>	Low Glare Melamine
<b>Certifications</b>	UL, CE, FCC
<b>Operating Temperature Range</b>	0°C to +40°C (32°F to 104°F)
<b>Storage Temperature Range</b>	-20°C to +60°C (-4°F to 140°F)
<b>Storage Humidity</b>	10% to 90% (non-condensing)
<b>Dual User Functionality</b>	<b>Pen:</b> 1 Instructor ActivPen and 1 Participant ActivPen can be used together in Dual-User Mode when using ActivInspire 1.5 Professional Edition and above <b>Pen and Touch:</b> 1 Participant ActivPen and simultaneous additional two-touch gesture supported when using ActivInspire 1.5 Professional Edition and above
<b>Single User Functionality</b>	<b>Pen:</b> 1 Instructor ActivPen <b>Touch:</b> Two-touch gesture supported when using ActivInspire 1.5 Professional Edition and above
<b>Integrated USB Sound</b>	Two integrated slim-line speakers and amplifier (with controls, inputs and outputs)
<b>Packed Contents List</b>	ActivBoard 587 Pro or ActivBoard 595 Pro, 2 Instructor ActivPens, 2 Participant ActivPens, 1 AMP PSU, Wall Mounting Brackets, User Guide, Access to ActivInspire Professional Edition, Promethean ActivOffice and Promethean Applications via download. (ActivInspire Professional Edition is also available on DVD on request), 1 x 3m USB data cable

ActivBoard Systems/Boards SS 11/11 V2.0 US



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### INTEGRATED USB SOUND SPECIFICATIONS

<b>Amplifier Power Output</b>	20W per channel RMS (<1% distortion)
<b>Controls</b>	Volume, Bass, Treble, on/off
<b>Amplifier Frequency Response</b>	40Hz to 18kHz +/-3dB (at 1W)
<b>USB Sound</b>	USB Sound supported for Minimum System Requirements stated
<b>Connectivity – Inputs (4)</b>	Stereo PC, Stereo CD/DVD, Mono Auxiliary, Microphone to PC
<b>Connectivity – Outputs (2)</b>	2 Stereo
<b>Power Requirement</b>	18V 5 Amp

### ACTIVBOARD SPECIFICATIONS

Model	ActivBoard 587 Pro	ActivBoard 595 Pro
<b>ActivBoard Size</b>	87in	95in
<b>Resolution</b>	14600 x 9200	17200 x 9200
<b>Screen Formats</b>	16:10	16:9
<b>Overall Dimensions</b>	2105mm x 1329mm (82.9in x 52.3in)	2336mm x 1329mm (92in x 52.3in)
<b>Active Area Dimensions</b>	1865mm x 1175mm (73.4in x 46.3in)	2095mm x 1175mm (82.5in x 46.3in)
<b>Active Area Diagonal</b>	2196mm (86.5in)	2394mm (94.3in)
<b>Actual Image Diagonal</b>	2193mm (86.4in)	2392mm (94.2in)
<b>Board Weight</b>	40kg (88lb)	48kg (106lb)
<b>Packed Weight</b>	57kg (126lb)	65kg (143lb)
<b>Packed Dimensions</b>	2270mm x 1500mm x 110mm (89.4in x 59.1in x 4.3in)	2572 mm x 1495mm x 110mm (101.3in x 58.9in x 4.33in)

### MINIMUM COMPUTER REQUIREMENTS

<b>Operating Systems</b>	Windows XP SP3 and above (XP/Vista/7); Mac OSX 10.4.11 – 10.6.4 (Tiger/Leopard/Snow Leopard); Linux Ubuntu 9.10 or 10.04; Debian Lenny; Linex Colegios 2010; Linkat 3; ALT_Linux (Russia)
<b>PC</b>	2.0 GHz Intel Core 2 Duo or faster for HD-quality videos, 1 GB of RAM is required to play HD-quality videos, 1024 x 768 resolution, 1.5 GB of Free Disk Space
<b>Mac</b>	2.0 GHz Intel Core 2 Duo, 512 MB of RAM, 1024 x 768 resolution, 3.0 GB of free disk space
<b>Linux</b>	2.0 GHz Processor or faster for HD-quality videos, 1 GB of RAM is required to play HD-quality videos, 1024 x 768 resolution, 1.5 GB of free disk space

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