

# Specifications

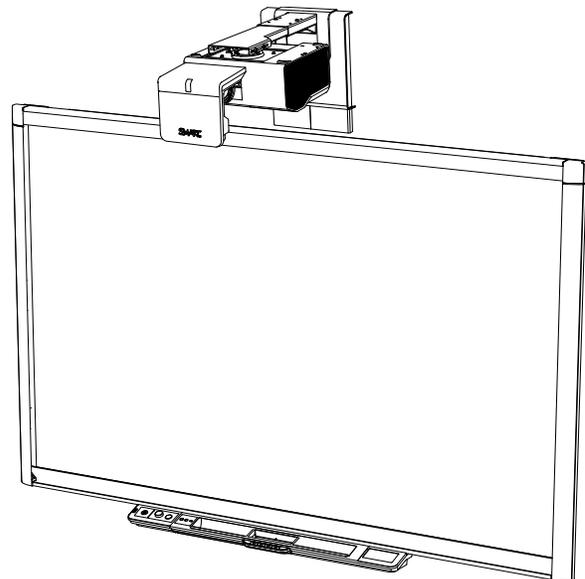
## SMART Board® interactive whiteboard system

### Model X880i5/880i5-SMP

#### Physical specifications

##### SMART Board® 880 interactive whiteboard

Size	66 1/8" W × 53 3/8" H × 6 1/2" D (168 cm × 135.6 cm × 16.5 cm)
Active screen area (maximum interactive projected image)	61 5/8" W × 46 1/4" H (156.5 cm × 117.5 cm) 77" (195.6 cm) diagonal 4:3 aspect ratio
Weight	52 lb. (23.6 kg)
Shipping size	4 3/8" W × 56 3/4" H × 75 3/4" D (11.1 cm × 144.1 cm × 192.4 cm)
Shipping weight	
SBX880i5	1 unit: 76 lb. (34.5 kg)
SB880i5-SMP	1 unit: 81 lb. (36.7 kg)



All dimensions +/- 1/8" (0.3 cm). All weights +/- 2 lb. (0.9 kg).

##### SMART UF75 projector

Projector	14" W × 15 1/2" H × 28" D (35.6 cm × 39.4 cm × 71.1 cm)
Remote control	1 5/8" W × 3 3/8" H × 1/4" D (4 cm × 8.6 cm × 0.7 cm)
Weight	17 lb. (7.7 kg)
Shipping weight	32 lb. (14.5 kg)
Shipping size	20" W × 15 1/2" H × 24" D (50.8 cm × 39.4 cm × 61 cm)

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### Extended control panel (ECP)–SBX880i5 only

Size	6 5/8" W × 2 1/8" H × 4 5/8" D (16.8 cm × 5.5 cm × 11.9 cm)
Shipping size	16 1/2" W × 14" H × 3" D (41.9 cm × 35.6 cm × 7.6 cm)
Shipping weight	5 lb. 11 oz. (2.6 kg)

SB880i5-SMP

#### NOTE

The SB880i5-SMP ships with the ECP and SBX800 CAT5-XT USB extender already attached to the pen tray of the SMART Board 880 interactive whiteboard.

## Standard features

<b>Software</b>	The following software options are available, either: SBX880i5 SMART Notebook™ collaborative learning software including SMART Product Drivers OR SB880i5-SMP SMART Meeting Pro™ software including SMART Product Drivers
<b>Environmental compliance</b>	EU REACH, RoHS, WEEE, Battery and Packaging, US Packaging and China EIP
<b>Regulatory certification</b>	CB, CCC, CE, C-Tick, FCC, GOST-R, KC, NOM, PSB, PSE, TUV-GS, UL/CSA (U.S./Canada) and VCCI
<b>Power consumption</b>	290 W average in Standard mode and less than 0.5 W in Standby mode in accordance with EuP regulations
<b>Cables</b>	The following cables are included with each system option:

System	Cables
SBX880i5	Includes the necessary cables to connect the projector to the ECP. However, you must supply the appropriate input cables for your devices.
SB880i5-SMP	<ul style="list-style-type: none"><li>Includes the necessary cables to connect the projector to the ECP. However, you must supply the appropriate input cables for your devices.</li><li>An SBX800 CAT5-XT USB extender is included and enables you to connect your interactive whiteboard pen tray to a guest computer up to 50' (15 m) away using a Cat 5, Cat 5e or Cat 6 cable (not included). For more information, see <a href="http://smarttech.com/kb/154489">smarttech.com/kb/154489</a>.</li></ul>

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### Interactive whiteboard features

**Touch and gestures** Perform mouse functions with your finger, and write and erase digital ink with a pen tray pen or the eraser. The Object Awareness feature enables you to pick up a pen, and then write, select or erase without replacing the pen. This interactive whiteboard also features gesture capability, providing a natural and flexible way to interact with content.

**Multitouch capabilities** Users can interact with the interactive whiteboard using the included pens or other objects, or by using their fingers to write and perform gestures.

The following multitouch capabilities are available:

System	Multitouch capability
SBX880i5	Support for four simultaneous touches enables up to four users to interact with the interactive whiteboard.
SB880i5-SMP	Support for two simultaneous touches enables up to two users to interact with the interactive whiteboard.

**Pen tray** Optical sensors in the pen tray detect when you lift a pen or eraser from the tray. Color buttons on the pen tray enable you to select pen color.

The following pen tray features are available:

System	Features
SBX880i5	Removable end caps for optional accessories
SB880i5-SMP	The ECP is installed to the pen tray. The pen tray also features the SBX800 CAT5-XT USB extender.

**Pen and eraser** Two ergonomic pens with a comfort grip and a rectangular eraser

**Resolution** Touch resolution is approximately 4000 × 4000.

**Screen surface** The hard-coated steel surface is durable, optimized for projection, compatible with dry-erase markers and easily cleaned.

**Digitizing technology** Four-camera DVIT® (Digital Vision Touch) technology

**Frame finish** Two-tone gray (Dark gray approximates PANTONE® Charcoal Gray 18-0601 TPX. Light gray approximates PANTONE Cool Gray 6C.)

**Wall-mount bracket** 32" (81.3 cm) wide bracket with five screws and toggle bolt anchors to support a wall-mounted interactive whiteboard

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**Computer connection** The following computer connection methods are available:

System	Connection method
SBX880i5	16' (5 m) USB 2.0 cable to room computer
SB880i5-SMP	<ul style="list-style-type: none"><li>16' (5 m) USB 2.0 cable and 7' (2.1 m) SMART GoWire™ auto-launch cable to room computer</li><li>50' (15.2 m) SBX800 CAT5-XT USB extender to guest computer</li></ul>

**Power requirements** The interactive whiteboard system obtains power from the projector through the ECP cable.

### SMART UF75 projector features

**System components** SMART UF75 projector, wall mount, ECP, remote control and all input cables necessary to connect the ECP to the projector

**Image adjustment** The wall mount includes mechanical adjustments for aligning the projector image with the interactive whiteboard. The projector also has a focus lever and an on-screen menu for adjusting brightness, contrast and other image-related attributes.

**Display type** XGA 1024 × 768

**Display technology** The projection engine uses DLP® technology by Texas Instruments™, providing BrilliantColor™ performance and quality Gamma 2.2 correction with Bright Room, Dark Room, sRGB, User and SMART Presentation modes.

**3D technology** 3D-ready projector using DLP Link™ technology

**Brightness** Estimated at 2500 lumens (typical) in Standard 230 W mode at a CCT of 6500 K by the IEC method. Estimated at 1875 lumens in Economy 190 W mode.

**Lamp life** 2500 hours in Standard 230 W mode. 4000 hours in Economy 190 W mode.

**Aspect ratio** 4:3 with support for 16:9, 16:10 ratios and 5:4 ratio with scaling.

**Contrast ratio** 2900:1

**Video system compatibility** NTSC, NTSC 4:43, PAL, PAL-N, PAL-M and SECAM

**Video interface compatibility** HDCP compliant HDMI, Composite, S-video, VESA® RGB with additional interface support for Component YPbPr and Component YCbCr inputs with the proper adapters (not included)

**Video format compatibility** The projector has a native 4:3 aspect ratio WXGA resolution and supports VGA, SVGA, SXGA, Quad VGA, SXGA+ and UXGA formats with scaling.

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**Synchronization** Auto image synchronization (auto tracking, frequency, position adjustment, source detect and phase detect)

**Mounting hardware** Includes hardware for mounting the projector to framed and solid walls. Also includes a safety tether.

### Input/output connections

Connector	Connects to
Power	Main power source
4-pin power mini-DIN 5V/2A output	ECP cable harness
7-pin mini-DIN	ECP cable harness
DB9 RS-232F	ECP cable harness
DB15F RGB video input (VGA 1)	Default primary computer (cable not included)
DB15F RGB video input (VGA 2)	Default secondary computer cable harness
3.5 mm phone jack audio input (×2)	Pen tray (For primary and secondary computer audio output. Cable not included.)
DB15F RGB video output (VGA Out)	Optional secondary display (cable not included)
3.5 mm phone jack audio output	External audio system (cable not included)
RCA composite video input (and left and right RCA audio input)	Video and audio source (cable not included)
4-pin mini-DIN S-video input (and left and right RCA audio input)	Video and audio source (cable not included)
HDMI input	High-definition audio/video source (cable not included)
RJ45	Network (for web page management and SNMP access, cable not included)
USB B	Computer (for service access only, cable not included)

### Projector fan operating temperatures

- Standard speed: 41°F to 95°F (5°C to 35°C) from 0' to 6000' (0 m to 1800 m)
- High speed: 41°F to 86°F (5°C to 30°C) from 6000' to 6800' (1800 m to 2100 m)

**Projector noise** 36 dBA at high speed and 31 dBA at standard speed, measured using the JIS method

### Power requirements

100V–240V AC at 50 Hz–60 Hz

### Power cable

Includes a 14' 9" (4.5 m) power cable

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**External control** Both serial (via RS-232) and SNMP (via Ethernet) control are supported. The RS-232 control connector is configured to accept codes from your computer or an optional room control system.

The following system connection options are available:

System	Connection options
SBX880i5	4-pin connector on ECP for RS-232 protocol room control systems. The cable is available separately (part number SBX8-CTRL) from your authorized SMART reseller ( <a href="http://smarttech.com/wheretobuy">smarttech.com/wheretobuy</a> ).
SB880i5-SMP	4-pin connector on ECP for RS-232 protocol room control systems. The cable is included.

**Remote control** An alternative method of controlling the projector and adjusting the projector settings

**Theft protection** The projector system features an optional padlock ring to prevent theft. You can use the Kensington® security slot to affix the system to a wall as a visual and physical theft deterrent.

## ECP features

### Input/output connections

Connector	Connects to:
RJ11 6-wire	Pen tray
11-pin	ECP cable harness
4-pin	Optional room control system adapter (included with SB880i5-SMP only)
USB B	Pen tray
USB mini-B	Primary computer (not included) using the included cable
USB mini-B	Guest laptop (not included)
USB A	USB drive (not included)



#### NOTE

This works with the primary computer only.

**RCA jacks** The following RCA connection options are available:

System	Connection options
SBX880i5	RCA jacks for audio and composite video inputs are on the separate RCA connector pod included in the ECP box.
SB880i5-SMP	RCA jacks for audio and composite video inputs are on the projector.

**Volume controls** Controls sound range

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<b>Power button</b>	Turns the interactive whiteboard and projector on and off
<b>Input selection button</b>	Select the projector video and audio inputs from the available sources: <ul style="list-style-type: none"><li>• VGA 1 (default primary computer)</li><li>• VGA 2 (default secondary computer)</li><li>• Composite</li><li>• S-video</li><li>• HDMI</li></ul>

### Warranty

<b>Interactive whiteboard</b>	Your interactive whiteboard has a two-year limited equipment warranty or a five-year limited equipment warranty upon registration. See warranty documents for details.
<b>Projector</b>	Your projector has a three-year limited equipment warranty and the projector lamp has a 1000-hour/one-year warranty.
<b>ECP</b>	Your ECP has a three-year limited equipment warranty.
<b>Accessories</b>	Your accessories have a one-year warranty.

### Storage and operating specifications

<b>Storage</b>	<ul style="list-style-type: none"><li>• Maximum storage temperature: 122°F (50°C) with up to 80% humidity, non-condensing</li><li>• Minimum storage temperature: -4°F (-20°C) with up to 80% humidity, non-condensing</li></ul>
<b>Operation</b>	<ul style="list-style-type: none"><li>• At standard fan speed: 41°F to 95°F (5°C to 35°C) from 0' to 6000' (0 m to 1800 m)</li><li>• At high fan speed: 41°F to 95°F (5°C to 35°C) from 6000' to 6800' (1800 m to 2100 m)</li><li>• In Service mode: 41°F to 95°F (5°C to 35°C) from 6800' to 9800' (2100 m to 3000 m)</li></ul>

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### Computer requirements

You need to connect a computer to your interactive whiteboard. Choose one of the following options:

- SBX880i5** A computer or laptop with either a Windows® operating system or Mac operating system software and SMART Notebook software installed. For a complete list of computer requirements, go to [smarttech.com/downloads](http://smarttech.com/downloads) and browse to the latest SMART Notebook release notes applicable to your operating system.
- SB880i5-SMP** A computer or laptop with a Windows operating system and SMART Meeting Pro software installed. For a complete list of computer requirements, go to [smarttech.com/downloads](http://smarttech.com/downloads) and browse to the latest SMART Meeting Pro release notes applicable to your operating system.

#### NOTE

If the computer or laptop doesn't have SMART Meeting Pro software installed, it can be connected to the interactive display using the SMART GoWire™ auto-launch cable included with this product. For a complete list of computer requirements, go to [smarttech.com/downloads](http://smarttech.com/downloads) and browse to the latest SMART GoWire cable release notes applicable to your operating system.

### SMART order numbers

- SBX880i5** 77" (195.6 cm) diagonal SMART Board interactive whiteboard with a SMART UF75 projector system. Includes a SMART Notebook software installation DVD.
- SB880i5-SMP** 77" (195.6 cm) diagonal SMART Board interactive whiteboard with a SMART UF75 projector system. Includes a SMART GoWire cable containing SMART Meeting Pro and Bridgit® conferencing software. An SBX800 CAT5-XT USB extender is also included (see *Cables* on page 2).
- 20-01501-20** Lamp module replacement kit for SMART UF75 and SMART UF75w projectors

### Optional accessories

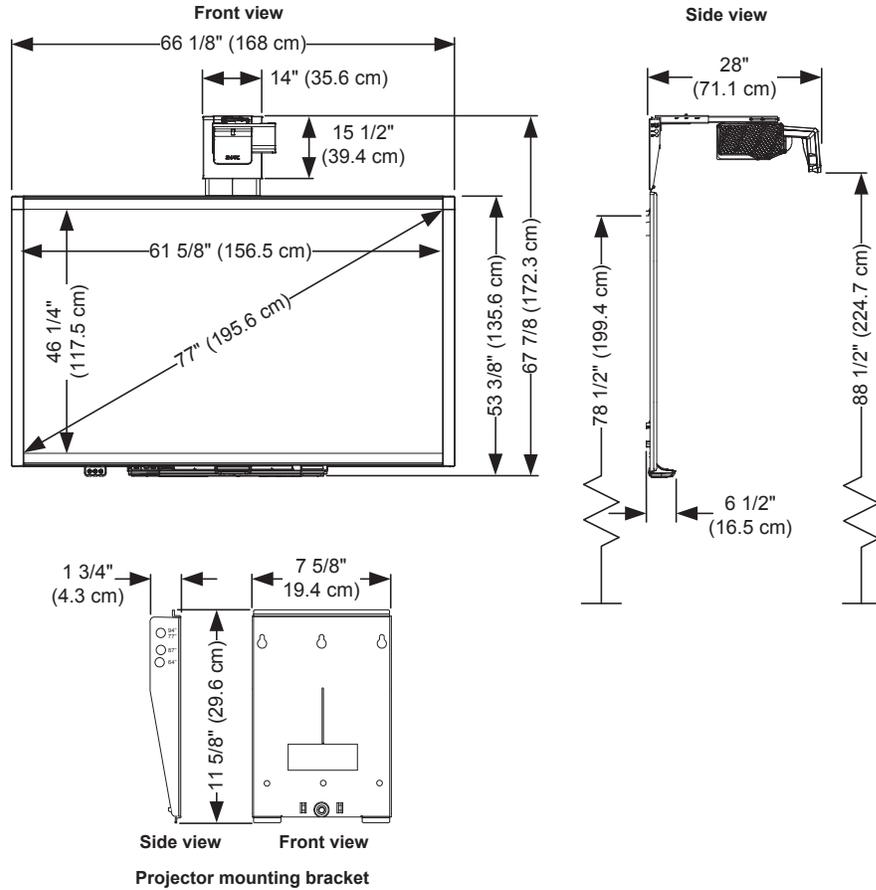
For more information on additional accessories for your SMART Board 880i5 interactive whiteboard, see [smarttech.com/accessories](http://smarttech.com/accessories).

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### Physical dimensions

The images shown are for the SBX880i5 model.



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