Specifications
SMART Board™ interactive whiteboard
Model 680

Physical specifications

Size
65 1/4" W × 49 1/2" H × 5 1/8" D
(165.7 cm × 125.7 cm × 13 cm)

Active screen area
(maximum interactive, projected image)
61 5/8" W × 46 1/8" H
(156.5 cm × 117.2 cm)
77" diagonal (195.6 cm)

FS670 floor stand
(with SB680 installed)
65 1/4" W × 67 3/4" to 81 3/4" H × 40 1/4" D
(165.7 cm × 172.4 cm to 208 cm × 102.5 cm)

Weight
30 lb. (13.6 kg)

Shipping size
1 unit
73 1/2" W × 54" H × 5 1/2" D
(186.7 cm × 137.2 cm × 14 cm)
8 units on pallet
55" W × 78 1/2" H × 45" D
(139.7 cm × 199.4 cm × 114.3 cm)

Shipping weight
1 unit
45 lb. (20.5 kg)
8 units on pallet
380 lb. (172.7 kg)

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

**Software**  
SMART Notebook™ collaborative learning software included. See the SMART Notebook release notes for a complete list of system requirements. Software upgrades are available at smarttech.com/software.

**Pen tray**  
Optical sensors in the pen tray detect when you lift a pen or eraser from the tray. LEDs show the active tool.

**Pens and eraser**  
Black, blue, red and green pen tray pens and a rectangular eraser

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

**Screen surface**  
The hard-coated surface is tear-proof, optimized for projection, compatible with dry-erase markers and easily cleaned with whiteboard cleaner.

**Digitizing technology**  
Resistive

**Frame finish**  
Two-tone gray (approximates Pantone® Charcoal Gray 18-0601 TPX) and Ultrasonic Chrome (approximates metallic Pantone 877 C)

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

**Computer connection**  
16’ (5 m) USB 2.0 cable

**Power requirements**  
Power is obtained from the computer directly through the USB cable for Windows®, Mac and Linux® computers. Power consumption is less than 1.5 W (300 mA at 5V).

**Environmental compliance**  
China EIP, EU RoHS, EU and WEEE

**Regulatory certification**  
CB (TUV), CE, CSA (U.S./Canada), FCC and VCCI

**Warranty**  
Five-year limited equipment warranty upon registration. See warranty document for details.

**NOTE**  
A digital projector isn’t included with this model of SMART Board™ interactive whiteboard. To take advantage of all interactive features, you must integrate a digital projector.

Storage and operating specifications

**Storage**  
-40°F to 120°F (-40°C to 50°C)

**Operation**  
41°F to 95°F (5°C to 35°C) with up to 80% humidity, non-condensing

**SMART order number**  
SB680 77” (195.6 cm) diagonal SMART Board interactive whiteboard
## Optional accessories

<table>
<thead>
<tr>
<th>Part number</th>
<th>Description</th>
<th>NA</th>
<th>UK</th>
<th>AU</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCJ680</td>
<td>Padded cover with handles for the SMART Board 680 and D680 interactive whiteboards</td>
<td></td>
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<tr>
<td>HSCJ-680</td>
<td>Hard shipping case for the SMART Board 680 and D680 interactive whiteboards and the FS670 floor stand</td>
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<tr>
<td>FS670</td>
<td>Mobile floor stand with 4” (10.2 cm) lockable casters and flip-up anti-tip feet</td>
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<tr>
<td>PMWT-680</td>
<td>Projector wall mount for an NEC WT600 or WT610 projector</td>
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<tr>
<td>RS232-XX</td>
<td>RS-232 to USB conversion module that allows a serial connection to the interactive whiteboard as an alternative to USB</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>WC6D-XX</td>
<td>Wireless Bluetooth® connection between the SMART Board interactive whiteboard and the computer</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>SBA-XX</td>
<td>USB audio system with two 14 W speakers that mount to the interactive whiteboard or the wall</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>SYSON6-XX</td>
<td>SystemOn expansion module wakes up the computer and turns on the projector with one button press</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>USB-GW</td>
<td>GoWire™ SMART Notebook software auto-launch cable</td>
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<tr>
<td>USB-XT</td>
<td>16’ (5 m) USB active extension cable</td>
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<tr>
<td>CAT5-XT</td>
<td>USB to Cat 5 cable extender set</td>
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<tr>
<td>RPEN-ER</td>
<td>Replacement set of four pen tray pens (black, blue, red and green) and rectangular eraser</td>
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<td>Replacement set of four pen tray pens (black, blue, red and green)</td>
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<tr>
<td>SPT</td>
<td>Set of four pointers (blue, red, green and yellow)</td>
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</table>

### NOTE

Part numbers ending in XX include power supplies for the countries or regions indicated by ✓ in the columns to the right. When ordering, substitute XX in the part number with the appropriate country code, as follows:

- **NA** = U.S. and Canada
- **UK** = United Kingdom
- **EU** = European Union
- **AU** = Australia
Physical dimensions

Leaving at least 5/8" (1.6 cm) headroom to wall mount the SB680

Distance from the bottom of the wall mount bracket to the top of an installed interactive whiteboard is 4 1/4" (10.8 cm)

Recommended wall-mounted installation height to top of SB680 for average sized adults is 81 3/4" (207.6 cm)

USB Connection Location

Wall Mounted Cut Away View

Wall Mounted Side View

Wall Mounted Front View

Floor Stand Mounted Side View (lowest position)

Floor Stand Mounted Back View (highest position)