



### Specifications

# SMART Board® 6075 interactive flat panel

Model SPNL-6075

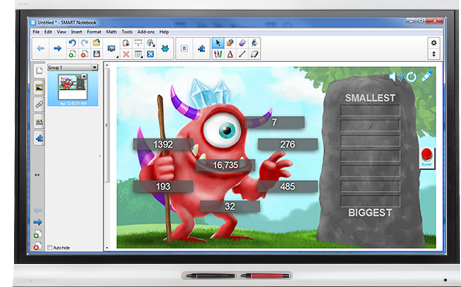
## Overview

The SMART Board® 6075 interactive flat panel combines SMART’s proprietary DVIT® (Digital Vision Touch) technology with a premium touch experience and the power of SMART Notebook® collaborative learning software on a 75" LED display. For simple and powerful digital whiteboarding, this interactive flat panel is also iQ enabled.

The 4K ultra-high-definition display provides optimal image clarity and wide viewing angles. With the new Pen ID™ feature, you can assign different appearances to the pens and write or draw over any application in digital ink.

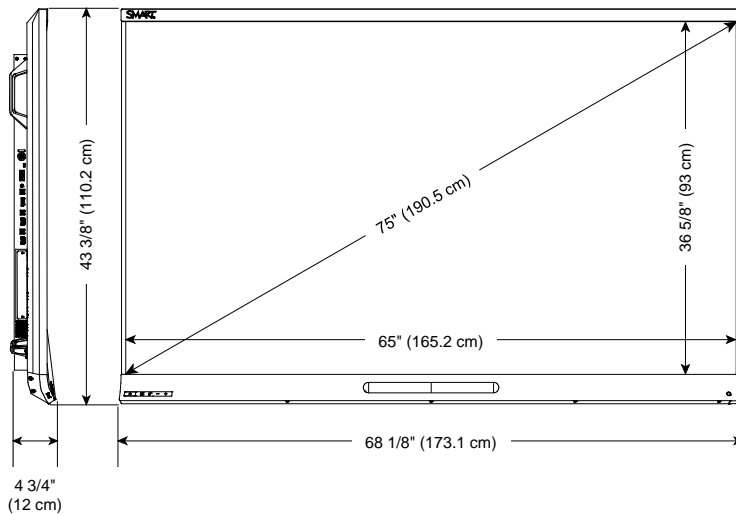
Object Awareness allows you to perform mouse functions with your finger, write in digital ink with the pen, and erase with your palm or eraser—all without switching tools or modes. You can use a variety of gestures in applications, and two users can write or draw at the same time.

See [education.smarttech.com](http://education.smarttech.com) for more information about this product.



## Dimensions and weights<sup>1</sup>

### Dimensions



### Weight

185 lb. (84 kg)

### Shipping dimensions (including pallet)

75 3/8" × 54 3/8" × 14"  
(191.6 cm × 138 cm × 35.5 cm)

### Shipping weight

238 lb. (108 kg)



As an ENERGY STAR® certified signage display, the SMART Board 6075 interactive flat panel meets strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and Department of Energy.

<sup>1</sup>All dimensions ± 1/8" (0.3 cm). All weights ± 2 lb. (0.9 kg).

## Hardware

### Interaction

Touch technology	DViT technology
Multitouch capabilities	8 touches on Windows® and Mac computers <sup>2</sup>
Gesture support	Windows 7, Windows 8.1 and Windows 10 operating systems OS X 10.9, 10.10 and 10.11 operating system software
Object awareness	Behavior adjusts automatically to whatever tool or object is being used, whether it's a pen, finger, eraser or palm.
Pen ID	Two people can write independently and simultaneously, using different colored ink.

### Display

Type	LED
Aspect ratio	16:9
Optimal resolution	3840 × 2160 at 30 Hz (HDMI®) or 60 Hz (DisplayPort)
Horizontal frequency	122–140 kHz (typically 135 kHz)
Vertical frequency	47–63 Hz (typically 60 Hz)
Contrast ratio (typical)	5000:1
Brightness (maximum)	360 cd/m <sup>2</sup>
Pixel pitch	0.429 mm × 0.429 mm
Gamut	72% of NTSC
Viewing angle	178°
Response time (typical)	8 ms



**Presence detection** Presence detection sensor on the bottom frame

**Audio** 10 W integrated side-firing speakers (×2)

**Noise level** <35 dBA

**Included cables and accessories** 8' (2.4 m) country-specific power cable  
16' 5" (5 m) USB cable<sup>3</sup>  
Pen (×2)

**Mounting holes** For a standard VESA® 600 mm × 400 mm mounting plate  
13 3/4" (34.9 cm) from the bottom of the interactive flat panel

**Mounting bracket depth** Minimum depth of 1 5/8" (4.2 cm) for all components on the back of the interactive flat panel to clear the wall

<sup>2</sup>Requires SMART Product Drivers to be installed, and some applications might not support 8 touches

<sup>3</sup>HDMI cable not included (See *Cable requirements* for HDMI cable requirements.)

## Connectors

<b>Side</b>	Side connector panel: USB 2.0 Type-B (×3) HDMI 1.4 in (×2) DisplayPort in Stereo 3.5 mm out RS-232 in	Accessory slot: OPS interface supporting HDMI, DisplayPort and USB
<b>Bottom</b>	USB 2.0 Type-A	
<b>Back</b>	AC power inlet	

## Installation requirements

<b>Interactive flat panel</b>	See the <i>SMART Board 6000 series interactive flat panels administrator's guide</i> ( <a href="http://smarttech.com/kb/170641">smarttech.com/kb/170641</a> )
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### Room computers and guest laptops

General requirements	See <a href="http://smarttech.com/SMARTNotebookReleaseNotes">smarttech.com/SMARTNotebookReleaseNotes</a>
4K UHD	Graphics card that can support 3840 × 2160 resolution at 30 Hz and that has 1 GB DDR 5 memory See <a href="http://kb.smarttech.com/?q=15546">kb.smarttech.com/?q=15546</a>

### Mini-computers

General requirements	See <a href="http://smarttech.com/SMARTNotebookReleaseNotes">smarttech.com/SMARTNotebookReleaseNotes</a>
Dimensions	Smaller than 10" × 10" × 2" (25.4 cm × 25.4 cm × 5.1 cm)
Weight	Less than 10 lb. (4.5 kg)
Mounting	VESA 75 mm × 75 mm or 100 mm × 100 mm mounting pattern

## Cable requirements

<b>HDMI</b>	HDMI 1.4 compliant or better Maximum length: 23' (7 m) Notes: Use only certified HDMI cables that have been tested to support the performance standard you require. The performance of cables longer than 23' (7 m) is highly dependent on the quality of the cable.
<b>DisplayPort</b>	DisplayPort 1.2 compliant or better Maximum length: 23' (7 m)
<b>USB</b>	Maximum length: 16' (5 m)
<b>Important</b>	Using cables that exceed these maximum lengths may produce unexpected results, degraded picture quality or USB connectivity. Refer to the <i>SMART installation standards</i> ( <a href="http://smarttech.com/kb/171035">smarttech.com/kb/171035</a> ) for a comprehensive guide on cables and extensions for SMART hardware products.

## Storage and operating requirements

<b>Power requirements</b>	100V to 240V AC, 50 Hz to 60 Hz
<b>Power consumption at 77°F (25°C)</b>	
Standby mode	<2 W
Normal operating (out-of-box)	<131 W
Maximum operating (with accessories)	315 W
<b>Operating temperature</b>	41–95°F (5–35°C)
<b>Storage temperature</b>	-4–140°F (-20–60°C)
<b>Humidity</b>	5–80% relative humidity, non-condensing

## Certification and compliance

<b>Regulatory certification</b>	UL (U.S./Canada), FCC, IC, EMC, LV, VCCI, PSE, KC Mark
<b>Environmental compliance</b>	
European Union	REACH, RoHS, WEEE and Packaging
U.S.	Packaging and Conflict Minerals

## Purchasing information

<b>Order number</b>	
SPNL-6075	SMART Board 6075 interactive flat panel, including a SMART Notebook software license key
<b>Optional accessories</b>	
WM-SBID-501	Fixed wall mount for SMART interactive flat panels
UGK-KAPPIQ-AM30-EDU	iQ appliance for SMART Board 6000 and 7000 series interactive displays
Other	See <a href="http://smarttech.com/accessories">smarttech.com/accessories</a>
<b>Warranty</b>	Three-year limited equipment warranty
<b>Extended warranty</b>	
EWY1-SPNL-6075	One-year warranty extension
EWY2-SPNL-6075	Two-year warranty extension

smarttech.com/support  
smarttech.com/contactsupport

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