

## 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 the premium touch experience of SMART Learning Suite, including SMART Notebook® software.

The 75" 4K ultra-high-definition LED display provides optimal image clarity and wide viewing angles. With the Pen ID™ feature, you can assign different appearances to the two pens and write or draw over any application in digital ink.

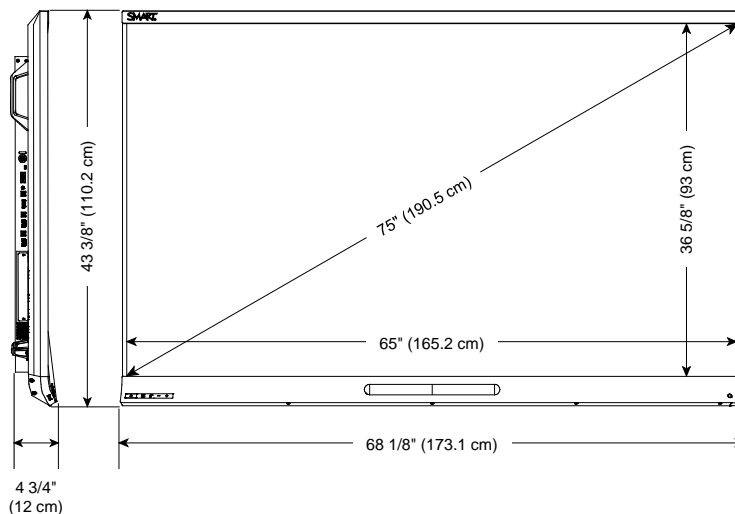
Object awareness™ allows you to perform mouse functions with your finger, write in digital ink with the pen, and erase with your palm or eraser—all without switching tools or modes. You can use a variety of gestures in applications, and two users can write or draw at the same time.

See [education.smarttech.com](https://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" x 54 3/8" x 14"  
(191.6 cm x 138 cm x 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  $\pm 1/8"$  (0.3 cm). All weights  $\pm 2$  lb. (0.9 kg).

## Hardware

### Interaction

Touch technology	DViT technology
Multitouch capabilities	8 touches <sup>2</sup>
Object awareness	Behavior adjusts automatically to the tool or object you're using, 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 dimensions	0.429 mm × 0.429 mm
Gamut	72% of NTSC
Viewing angle	178°
Response time (typical)	8 ms

<b>Presence detection</b>	Presence detection sensor on the bottom frame
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<b>Audio</b>	10 W integrated speakers (×2)
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<b>Noise level</b>	<35 dBA
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<b>Included cables and accessories</b>	8' (2.4 m) country-specific power cable 16' 5" (5 m) USB cable Pen (×2)
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<b>Mounting holes</b>	For a standard VESA® 600 mm × 400 mm mounting plate Lower mounting holes 13 3/4" (35 cm) from the bottom of the display
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<b>Mounting bracket depth</b>	Minimum depth of 1 5/8" (4.2 cm) for all components on the back of the display to clear the wall
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<sup>2</sup>Requires SMART Product Drivers to be installed. Some applications might not support 8 touches. Only up to 4 touch points and no pen support on Chrome OS™ operating system.

## Connectors

<b>Connector panel</b>	OPS slot HDMI®1 input connectors HDMI 1.4 in USB Type-B HDMI2 input connectors HDMI 1.4 in USB Type-B DisplayPort input connectors DisplayPort in USB-Type-B Stereo 3.5 mm out RS-232 in
<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 and 6000 Pro series interactive displays installation and maintenance guide</i> ( <a href="http://smarttech.com/kb/171167">smarttech.com/kb/171167</a> )
<b>Room computers and guest laptops</b>	
General requirements	See the <a href="#">SMART Notebook software release notes</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="#">Minimum requirements for Ultra High Definition or 4K on your interactive flat panel</a>
<b>Mini-computers</b>	
General requirements	See the <a href="#">SMART Notebook software release notes</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>	Maximum length: 23' (7 m)
<b>NOTES</b>	
<ul style="list-style-type: none"> <li>Use only certified HDMI cables that have been tested to support the performance standard you require.</li> <li>The performance of cables longer than 23' (7 m) is highly dependent on the cable's quality.</li> </ul>	

<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 can produce unexpected results, such as degraded picture quality or USB connectivity. Refer to <i>SMART installation standards</i> ( <a href="https://smarttech.com/kb/171035">smarttech.com/kb/171035</a> ) for comprehensive information about 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
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### Environmental compliance

European Union	REACH, RoHS, WEEE and Packaging
U.S.	Packaging and Conflict Minerals

## Purchasing information

### Order number

SPNL-6075	SMART Board 6075 interactive flat panel with SMART Learning Suite
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### Optional accessories

UGK-AM40-EDU	iQ appliance for SMART Board 6000 and 7000 series interactive displays
WM-SBID-501	Fixed wall mount for SMART Board interactive displays
Other	See <a href="https://smarttech.com/accessories">smarttech.com/accessories</a>

<b>Warranty</b>	Three-year limited equipment warranty
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<b>Extended warranty</b>	
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EWY1-SPNL-6075	One-year warranty extension
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EWY2-SPNL-6075	Two-year warranty extension
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[smarttech.com/contactsupport](http://smarttech.com/contactsupport)

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