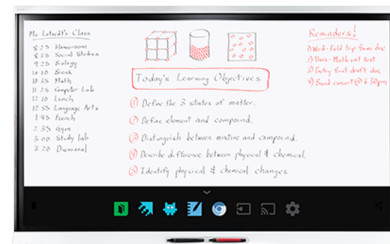SMART®

## Specifications
# SMART Board® 6065-V2 interactive flat panel with iQ
### Model SPNL-6265-V2

## Overview

The SMART Board® 6065-V2 interactive flat panel with iQ is the hub of your classroom. iQ technology connects devices, lesson content and pedagogically relevant software to create a cohesive educational experience. PC-free embedded computing provides one-touch access to a diverse suite of SMART applications—Notebook lessons, amp workspaces, lab gamification activities and whiteboard—and collaborative tools, such as wireless screen sharing and a web browser. There's no need for wires, cables or manual software and firmware updates.
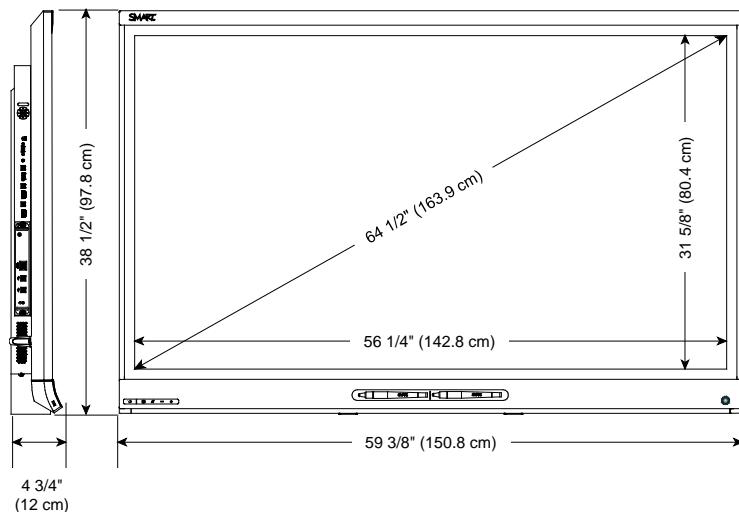
The 65" 4K ultra-high-definition LED display provides optimal image clarity and wide viewing angles. With the Pen ID™ feature, you can assign different appearances to the two pens and write or draw over any application in digital ink.

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 for more information about this product.

## Dimensions and weights[1]

**Dimensions**



38 1/2" (97.8 cm)
64 1/2" (163.9 cm)
31 5/8" (80.4 cm)
56 1/4" (142.8 cm)
59 3/8" (150.8 cm)
4 3/4" (12 cm)

**Weight**
134 lb. (60.9 kg)

**Shipping dimensions (including pallet)**
69 1/4" × 49 5/8" × 11 7/8"
(175.8 cm × 126.1 cm × 30.3 cm)

**Shipping weight**
181 lb. (82.1 kg)

As an ENERGY STAR® certified signage display, the SMART Board 6065-V2 interactive flat panel with iQ meets strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and Department of Energy.

[1]All dimensions ± 1/8" (0.3 cm). All weights ± 2 lb. (0.9 kg).

# Hardware

## Interaction

| | |
|---|---|
| Touch technology | DViT® (Digital Vision Touch) technology |
| Multitouch capabilities | 8 touches[2] |
| 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 | 26.97–75.0 kHz |
| Vertical frequency | 23.9–60.32 Hz |
| Contrast ratio (typical) | 1200:1 |
| Brightness (maximum) | 338 cd/m$^2$ |
| Pixel dimensions | 0.372 mm × 0.372 mm |
| Gamut | 68% of NTSC |
| Viewing angle | 178° |
| Response time (typical) | 8 ms |
| **Presence detection** | Presence detection sensor on the bottom frame |
| **Audio** | 10 W integrated speakers (×2) |
| **Noise level** | <35 dBA |
| **Included cables and accessories** | iQ appliance<br>8' (2.4 m) country-specific power cable<br>16' 5" (5 m) USB cable<br>Pen (×2) |

## iQ appliance

| | |
|---|---|
| Wireless technology | Bluetooth® 4.0 dual mode (backwards compatible with Bluetooth 2.1 + EDR) |
| Capture options | Establish a Bluetooth wireless connection with a supported mobile device (see below) by scanning the interactive display's unique QR code |

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[2]Requires SMART Product Drivers to be installed. Some applications might not support 8 touches.

| Supported languages | French<br>German<br>Italian<br>Japanese<br>Korean<br>Norwegian<br>Simplified Chinese<br>Spanish<br>Swedish<br>Traditional Chinese |
|---|---|
| **Mounting holes** | For a standard VESA® 300 mm × 400 mm mounting plate<br>Lower mounting holes 13 3/4" (35 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 display to clear the wall |

## Connectors

| Side | **Connector panel**<br>OPS slot (for the iQ appliance)<br>HDMI1 input connectors<br>  HDMI in<br>  USB Type-B<br>HDMI2 input connectors<br>  HDMI in<br>  USB Type-B<br>DisplayPort input connectors<br>  DisplayPort in<br>  USB-Type-B<br>Stereo 3.5 mm out<br>RS-232 in | **iQ appliance**<br>USB 3.0 Type-A (×2)<br>HDCP encrypted HDMI out<br>RJ45 |
|---|---|---|
| **Bottom** | USB 2.0 Type-A | |
| **Back** | AC power inlet | |

## Installation requirements

| **Interactive flat panel** | See the *SMART Board 6000 and 6000 Pro series interactive displays installation and maintenance guide* (smarttech.com/kb/171167) |
|---|---|
| **SMART Notebook Player mobile app** | iOS 10 or later operating system software |

### SMART kapp® app

| | |
|---|---|
| Apple devices | iOS 9 or later operating system software<br>50 MB of storage<br>iPhone 4S or later<br>Third-generation iPad or later<br>First-generation iPad mini or later<br>Fifth-generation iPod touch or later |
| Android™ devices | Android 4.4.4 (KitKat) or later operating system<br>50 MB of storage (internal or SD card)<br>1024 MB of RAM<br>720p or better screen resolution<br>Bluetooth 2.1 + EDR<br>3 megapixel or better rear-facing camera (recommended) |

### SMART kapp viewer

| | |
|---|---|
| Mobile | Safari for iOS 9 or later operating system software<br>Chrome™ for Android 39.0.2171.93 or later |
| Desktop | Internet Explorer® 10 or later<br>Chrome 39.0.2171.95 or later<br>Firefox® 34.0.5 or later<br>Safari 8.0 or later |

### Room computers and guest laptops

| | |
|---|---|
| General requirements | See the SMART Notebook software release notes |
| 4K UHD | Graphics card that can support 3840 × 2160 resolution at 30 Hz and that has 1 GB DDR 5 memory<br>See Minimum requirements for Ultra High Definition or 4K on your interactive flat panel |

### Mini-computers

| | |
|---|---|
| General requirements | See the SMART Notebook software release notes |
| 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

| | |
|---|---|
| **HDMI** | 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 cable's quality.

| | |
|---|---|
| **DisplayPort** | DisplayPort 1.2 compliant or better<br>Maximum length: 23' (7 m) |

| **USB** | Maximum length: 16' (5 m) |
|---|---|
| **Important** | Using cables that exceed these maximum lengths can produce unexpected results, such as degraded picture quality or USB connectivity. Refer to *SMART installation standards* (smarttech.com/kb/171035) for comprehensive information about cables and extensions for SMART hardware products. |

## Storage and operating requirements

| **Power requirements** | 100V to 240V AC, 50 Hz to 60 Hz |
|---|---|

**Interactive flat panel and iQ appliance power consumption at 77°F (25°C)**

| Standby mode | 15 W |
|---|---|
| Normal operating | 113 W |
| Maximum operating | 189 W |

**Standalone interactive flat panel power consumption at 77°F (25°C)**

| Standby mode | <2.2 W |
|---|---|
| Normal operating (out-of-box) | 110 W |
| **Operating temperature** | 41–95°F (5–35°C) |
| **Storage temperature** | -4–140°F (-20–60°C) |
| **Humidity** | 5–80% relative humidity, non-condensing |

## Certification and compliance

| **Regulatory certification** | UL (U.S./Canada), FCC, IC, CE, EAC, RCM, SPRING, PSE |
|---|---|

**Environmental compliance**

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

## Purchasing information

**Order number**

| SPNL-6265-V2 | SMART Board 6065-V2 interactive flat panel with iQ and SMART Learning Suite |
|---|---|

**Optional accessories**

| WM-SBID-501 | Fixed wall mount for SMART Board interactive displays |
|---|---|
| Other | See smarttech.com/accessories |
| **Warranty** | Three-year limited equipment warranty |

**Extended warranty**

| | |
|---|---|
| EWY1-SPNL-6265 | One-year warranty extension |
| EWY2-SPNL-6265 | Two-year warranty extension |

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