

Specifications

SMART Board® 6075-V3 interactive display with iQ and Intel® Compute Card

Model SPNL-6375-V3

Overview

The SMART Board® 6075-V3 interactive display with iQ and Intel® Compute Card 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, workspaces, 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.

Install an Intel Compute Card in the appliance to provide a fully functional Windows® 10 solution at your fingertips. Choose from three different compute card options to provide a consistent room-to-room Windows Full HD experience.

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.

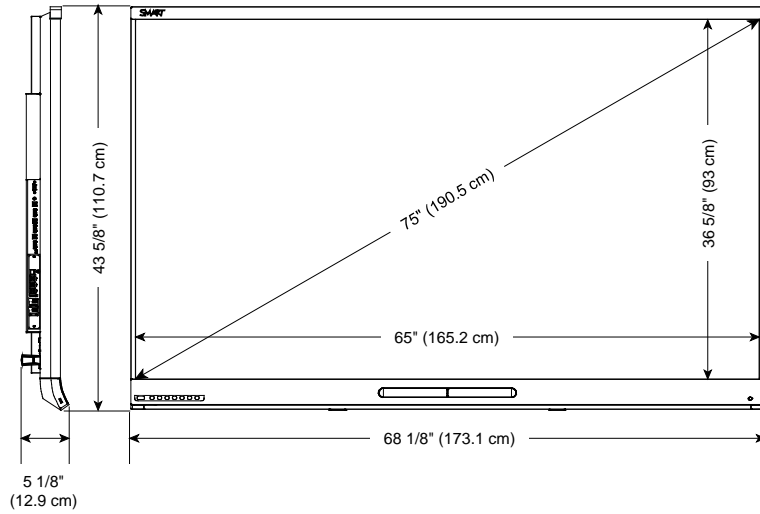
See education.smarttech.com for more information.



As an ENERGY STAR® certified signage display, the SMART Board 6075-V3 interactive display meets strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and Department of Energy.

Dimensions and weights¹

Dimensions



Weight

199 lb. (90 kg)²

Shipping dimensions (including pallet)

75 5/8" × 54 1/8" × 11 7/8"
(192 cm × 137.5 cm × 30.3 cm)

Shipping weight

240 lb. (109 kg)

Hardware

Interaction

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|-------------------------|--|
| Touch technology | DViT® (Digital Vision Touch) technology |
| Multitouch capabilities | 8 touches ³ |
| 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 60 Hz |
| Horizontal frequency (typical) | 135 kHz |
| Vertical frequency (typical) | 60 Hz |
| Contrast ratio (typical) | 4000:1 |

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

²Doesn't include iQ appliance, 2 lb. 10 oz. (1.2 kg), or accessories.

³Requires 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.

SMART BOARD 6075-V3 INTERACTIVE DISPLAY WITH IQ AND INTEL COMPUTE CARD – MODEL SPNL-6375-V3

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|--|--|
| Brightness (maximum) | 420 cd/m ² |
| Pixel dimensions | 0.429 mm × 0.429 mm |
| Gamut | 88% 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 Intel Compute Card 8' (2.4 m) country-specific power cable 16' 5" (5 m) USB cable Pen (×2) |
| iQ appliance | |
| Wi-Fi | IEEE 802.11A/B/G/N/AC with 2 × 2 MIMO (both 2.4 and 5 GHz bands) |
| Bluetooth® | 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 |
| Intel Compute Card features | See <i>iQ appliance with Intel Compute Card for SMART Board interactive displays specifications</i> (smarttech.com/kb/171263) |
| Supported languages | Dutch English French German Italian Korean Norwegian Russian Simplified Chinese Spanish Swedish Traditional Chinese Vietnamese |
| Mounting holes | For a standard VESA® 600 mm × 400 mm mounting plate Lower mounting holes 13 3/4" (35 cm) from the bottom of the display |
| Mounting bracket depth | Minimum depth of 1 5/8" (4.2 cm) for all components on the back of the display to clear the wall |

Connectors

| Side | Connector panel | iQ appliance |
|---------------------|---------------------------------|-------------------------|
| | OPS slot (for the iQ appliance) | USB 3.0 Type-A (×2) |
| | HDMI®1 input connectors | HDCP encrypted HDMI out |
| | HDMI 1.4 in | RJ45 |
| | USB Type-B | |
| | HDMI2 input connectors | |
| | HDMI 1.4 in | |
| | USB Type-B | |
| | DisplayPort input connectors | |
| | in | |
| | USB-Type-B | |
| | Stereo 3.5 mm out | |
| | RS-232 in | |
| Bottom | USB 2.0 Type-A | |
| Back | AC power inlet | |
| HDCP support | Version 1.4/2.2 | |

Installation requirements

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|---|---|
| Interactive display | See the <i>SMART Board 6000 and 6000 Pro series interactive displays installation and maintenance guide</i> (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 50 MB of storage iPhone 4S or later Third-generation iPad or later First-generation iPad mini or later Fifth-generation iPod touch or later |
| Android™ devices | Android 4.4.4 (KitKat) or later operating system 50 MB of storage (internal or SD card) 1024 MB of RAM 720p or better screen resolution Bluetooth 2.1 + EDR 3 megapixel or better rear-facing camera (recommended) |
| SMART kapp viewer | |
| Mobile | Safari for iOS 9 or later operating system software Chrome™ for Android 39.0.2171.93 or later |

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|---------|---|
| Desktop | Internet Explorer® 10 or later Chrome 39.0.2171.95 or later Firefox® 34.0.5 or later Safari 8.0 or later |
|---------|---|

Room computers and guest laptops

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| 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 See Minimum requirements for Ultra High Definition or 4K on your interactive flat panel |

Mini-computers

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| 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

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|--------------------|---|
| HDMI | Maximum length: 23' (7 m) |
| | NOTES |
| | <ul style="list-style-type: none"> 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 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 <i>SMART installation standards</i> (smarttech.com/kb/171035) for comprehensive information about cables and extensions for SMART hardware products. |

Storage and operating requirements

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| Power requirements | 100V to 240V AC, 50 Hz to 60 Hz |
| Interactive display and iQ appliance power consumption at 77°F (25°C) | |
| Standby mode | 22–24 W |
| Normal operating | 153 W |

Standalone interactive display power consumption at 77°F (25°C)

| | |
|---|---|
| Standby mode | 1.7 W |
| Normal operating (out-of-box) | 128 W |
| Maximum operating power consumption at 77°F (25°C) | 250 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, RCM, CITC, TRA

Environmental compliance

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

Purchasing information

Order numbers

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|-------------------|--|
| SPNL-6375-V3-PENT | SMART Board 6075-V3 interactive display with iQ, Intel Compute Card (with Pentium® N4200 processor) and one-year subscription of SMART Learning Suite |
| SPNL-6375-V3-M3 | SMART Board 6075-V3 interactive display with iQ, Intel Compute Card (with Intel Core™ m3-7Y30 processor) and one-year subscription of SMART Learning Suite |
| SPNL-6375-V3-I5 | SMART Board 6075-V3 interactive display with iQ, Intel Compute Card (with Intel Core™ i5-7Y57 processor) and one-year subscription of SMART Learning Suite |

Optional accessories See smarttech.com/accessories

Warranty Three-year limited equipment warranty

Extended warranty

| | |
|----------------|-----------------------------|
| EWY1-SPNL-6375 | One-year warranty extension |
| EWY2-SPNL-6375 | Two-year warranty extension |

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