Specifications

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

Model SPNL-6375P

Overview

The SMART Board® 6075 Pro interactive display with iQ and Intel® Compute Card is the hub of your meeting room. PC-free embedded computing provides one-touch access to collaborative tools, including a whiteboard, 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.
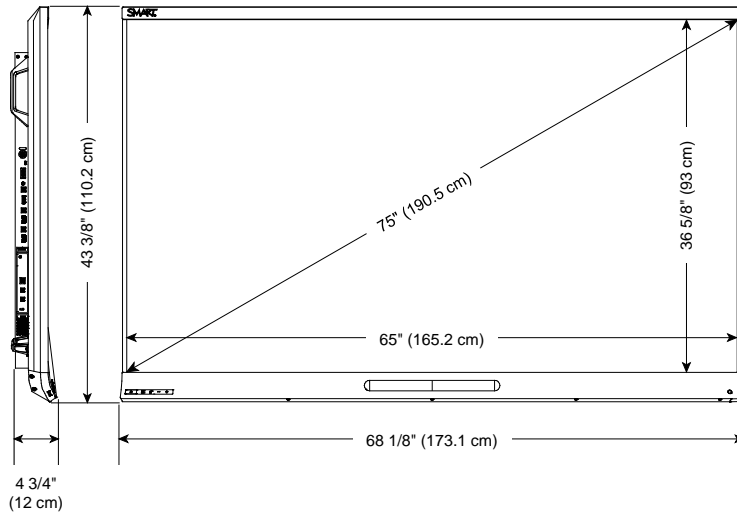
See smarttech.com for more information about this product.

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

Dimensions and weights[1]

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)

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 (typical)	135 kHz
Vertical frequency (typical)	60 Hz
Contrast ratio (typical)	5000:1
Brightness (maximum)	360 cd/m²

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

[2]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.

Pixel dimensions	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 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 4.2 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 *iQ appliance with Intel Compute Card for SMART Board interactive displays specifications* (smarttech.com/kb/171263)
Supported languages	Danish Dutch English Finnish French German Italian Korean Norwegian Portuguese Russian Simplified Chinese Spanish Swedish Traditional Chinese Ukrainian 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)
	HDMI1 input connectors	HDCP encrypted HDMI out
	HDMI in	RJ45
	USB Type-B	
	HDMI2 input connectors	
	HDMI 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	

Installation requirements

Interactive display	See the *SMART Board 6000 and 6000 Pro series interactive displays installation and maintenance guide* (smarttech.com/kb/171167)
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
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	
General requirements	See the SMART Meeting Pro 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

General requirements	See the SMART Meeting Pro 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 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 display and iQ appliance power consumption at 77°F (25°C)

Standby mode	22–24 W
Normal operating	155 W
Maximum operating	168 W

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

Standby mode	1.7 W
Normal operating (out-of-box)	130 W

Operating temperature	41–95°F (5–35°C)

Storage temperature	-4–140℉ (-20–60℃)
Humidity	5–80% relative humidity, non-condensing

Certification and compliance

Regulatory certification	UL (U.S./Canada), FCC, ISED, CE, VCCI, PSE, EAC, KC

Environmental compliance

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

Purchasing information

Order numbers

SPNL-6375P-PENT	SMART Board 6075 Pro interactive display with iQ, Intel Compute Card (with Pentium® N4200 processor), one SMART Meeting Pro software room license and 10 SMART Meeting Pro software personal licenses
SPNL-6375P-M3	SMART Board 6075 Pro interactive display with iQ, Intel Compute Card (with Intel Core™ m3-7Y30 processor), one SMART Meeting Pro software room license and 10 SMART Meeting Pro software personal licenses
SPNL-6375P-I5	SMART Board 6075 Pro interactive display with iQ, Intel Compute Card (with Intel Core™ i5-7Y57 processor), one SMART Meeting Pro software room license and 10 SMART Meeting Pro software personal licenses

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-6375P	One-year warranty extension
EWY2-SPNL-6375P	Two-year warranty extension

smarttech.com/support
smarttech.com/contactsupport