

Specifications

SMART Board® 6055 interactive flat panel

Model SPNL-6055

Overview

The SMART Board® 6055 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 55" 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.

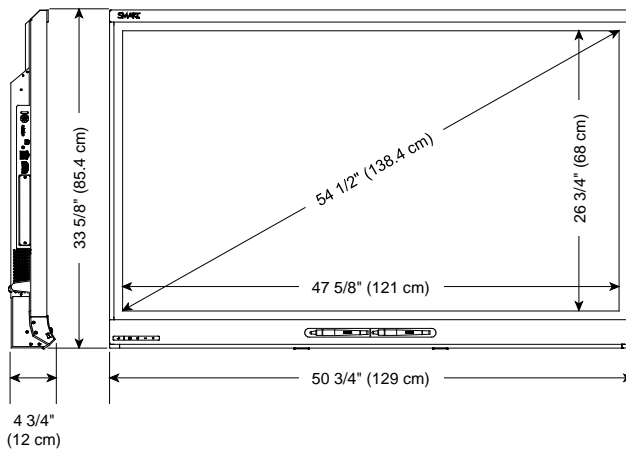
Object awareness™ allows you to perform mouse functions with your finger, write in digital ink with the pen, and erase with your palm or eraser—all without switching tools or modes. You can use a variety of gestures in applications, and two users can write or draw at the same time.

See education.smarttech.com for more information about this product.



Dimensions and weights¹

Dimensions



Weight

104 lb. (47.4 kg)

Shipping dimensions (including pallet)

59 7/8" × 11" × 44 1/4"
(152 cm × 28 cm × 112.5 cm)

Shipping weight

144 lb. (65.1 kg)

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

Hardware

Interaction

Touch technology	DViT 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® input only)
Horizontal frequency	244–280 kHz (analog and digital)
Vertical frequency	24–120 Hz
Contrast ratio (typical)	1400:1
Brightness (maximum)	360 cd/m ²
Pixel dimensions	0.315 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 8' (2.4 m) country-specific power cable
16' 5" (5 m) USB cable
Pen (×2)

Mounting holes For a standard VESA® 400 mm × 400 mm mounting plate
Lower mounting holes 11 1/8" (28.2 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

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

Connectors

Connector panel	OPS slot HDMI input connectors HDMI in USB Type-B Stereo 3.5 mm out RS-232 in
Back	AC power inlet

Installation requirements

Interactive flat panel	See the <i>SMART Board 6000 and 6000 Pro series interactive displays installation and maintenance guide</i> (smarttech.com/kb/171167)
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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 See Minimum requirements for Ultra High Definition or 4K on your interactive flat panel

Cable requirements

HDMI	Maximum length: 23' (7 m)
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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.

USB	Maximum length: 16' (5 m)
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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.
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Storage and operating requirements

Power requirements	90V to 240V AC, 50 Hz to 60 Hz
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Power consumption at 77°F (25°C)

Standby mode	16 W
Normal operating (out-of-box)	122 W

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SMART BOARD 6055 INTERACTIVE FLAT PANEL – MODEL SPNL-6055

Maximum operating	130 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 Mark, RCM Mark, CCC, EAC, VCCI, SPRING, KC Mark

Environmental compliance

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

Purchasing information

Order number

SPNL-6055	SMART Board 6055 interactive flat panel with SMART Learning Suite
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Optional accessories

UGK-KAPPIQ-AM30-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 smarttech.com/accessories

Warranty Two-year limited equipment warranty

Extended warranty

EWY1-SPNL-6055	One-year warranty extension
EWY3-SPNL6055	Three-year warranty extension

smarttech.com/support
smarttech.com/contactsupport

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