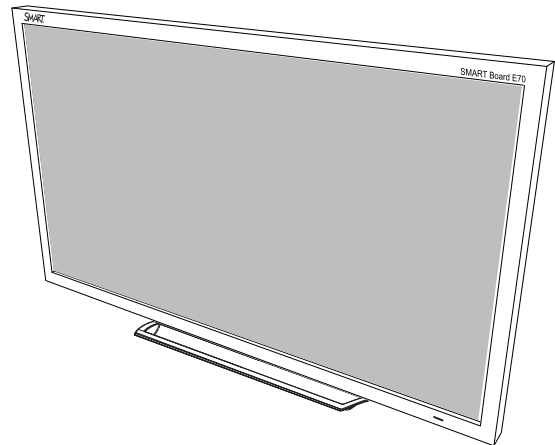# SMART

SMART Board® E70 interactive flat panel

Model SPNL-4070

Overview

Designed specifically for classrooms, the SMART Board® E70 interactive flat panel combines a premium touch experience with the power of SMART Notebook™ collaborative learning software on a 177.8cm (70") display.

The high-definition, shadow-free LED display features low-friction coated glass that enables fingers to glide smoothly over the surface, facilitating a natural touch experience. The SMART Board E70 interactive flat panel virtually eliminates glare and provides an optimal view from any angle in the classroom, delivering an unparallelled viewing and writing experience for the best value for classrooms. The multitouch SMART Board E70 interactive flat panel features freestyle multi-user interaction anywhere on the display with Windows® 7 or Windows 8 operating systems, enabling students to collaborate without limitations.
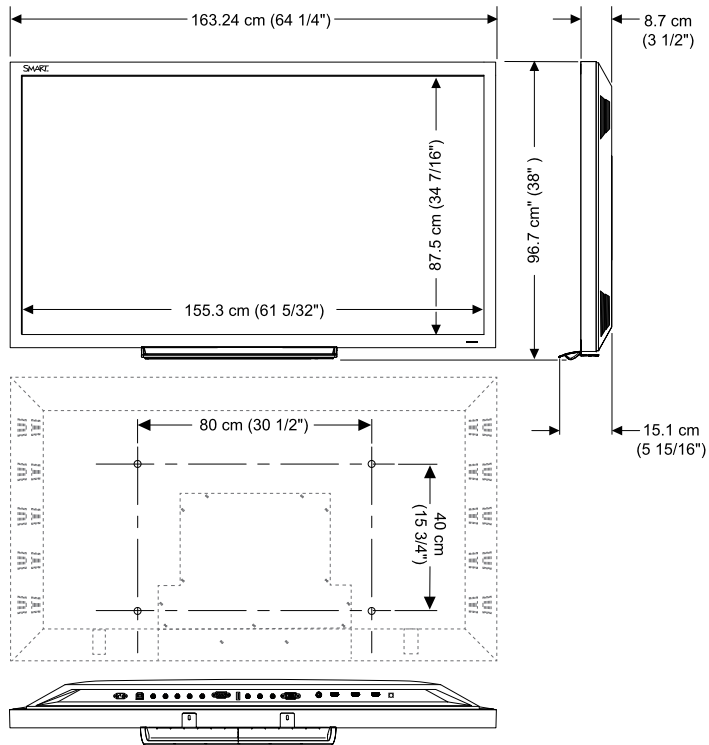
See smarttech.com for more information on this product.

Dimensions and weights[1]

Dimensions

Weight

77kg (169 lb 13oz)

Dispatch dimensions

1 unit on a pallet

105.3 kg (232 lb)
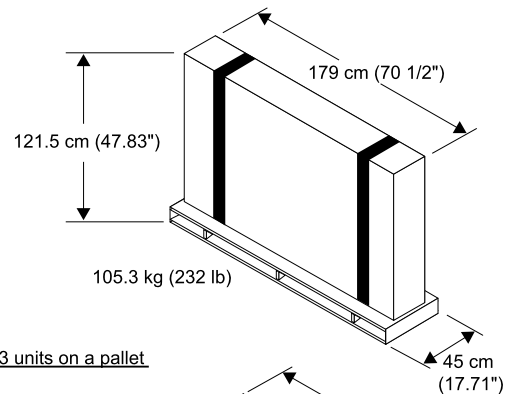
3 units on a pallet
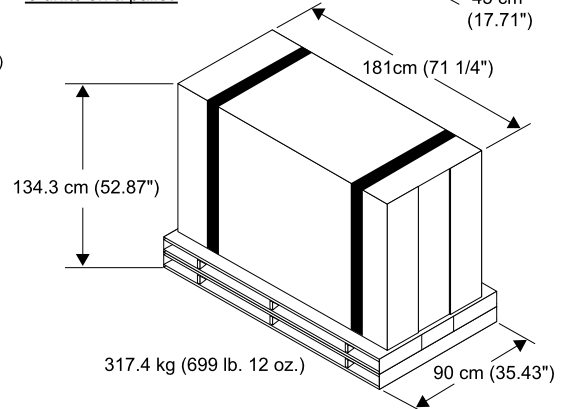
317.4 kg (699 lb. 12 oz.)

General specifications

Touch technology	Infrared
Multitouch capabilities	Eight touch on computers with Windows 7 or Windows 8 operating systems.
Gestures	Supports gestures on Windows 7, Windows 8, Mac OS X 10.7 or Mac OS X 10.8 operating systems software.
Horizontal frequency	30–91 kHz
Vertical frequency	50–85 Hz
Contrast ratio (typical)	4000:1
Brightness (typical)	350 cd/m²
Optimum resolution	1920 × 1080p at 60 Hz (16:9)
Audio	Two 10 watt speakers

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

Accessories

Pens and pen tray	Two ergonomic pens with comfort grip and a pen tray
Power cable	North America, Europe and UK
Remote control	One remote control
VGA cable	1.8m (6') D-sub 15-pin connector
USB cable (touch)	5m (16') USB A/B

Connections

HDMI™	Three HDMI inputs
RGB D-sub (VGA)	D-sub 15-pin inputs
Component	5 RCA inputs (Y. Pb, Pr, L, R)
Composite	RCA analogue audio and composite video inputs (red, white, yellow)
SPDIF	SPDIF optical output
USB	USB A (to access media files) and USB B (touch)
PC audio	3.5 mm stereo input
AC power	IEC 60320-C14 socket

Computer requirements

SMART Board E70	A computer with either a Windows 7, Windows 8, Mac OS X 10.7 or Mac OS X 10.8 operating system software and SMART Notebook™ collaborative learning software 11.3 or above installed. For a complete list of computer requirements, see the SMART Notebook software release notes available at smarttech.com/downloads.

Operating and storage requirements

Power supply	100 V AC–240 V AC, 50/60 Hz
Power consumption	280 W max
Standby Power	< 0.5 W
Operating temperature	10°C–40°C (50°F–104°F)
Operating humidity	10%–80%, non-condensing
Storage temperature	-25°C–60°C (-13°F–140°F)
Storage humidity	5%–95%, non-condensing

Certification and compliance

Regulatory certification	UL/c-UL (US and Canada), FCC, IC and CE

Environmental compliance

European Union	REACH, RoHS, WEEE, Battery, Packaging and ErP Standby
US	Packaging and Conflict Minerals

Warranty

SMART Board E70	Two-year limited equipment warranty. A three-year warranty extension is also available. Contact your authorised SMART reseller for more information.

Purchasing information

Order numbers

SPNL-4070	SMART Board E70 interactive flat panel. Includes a SMART Notebook software installation DVD.
Optional accessories	For more information on additional accessories for your SMART Board E70 interactive flat panel, see smarttech.com/accessories.

smarttech.com/support
smarttech.com/contactsupport