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SMART Board® NX series

All-in-one commercial digital signage solution



Display

Screen sizes (diagonal)	65" 75" 86"
Backlight	LED
Aspect ratio	16:9
Maximum display resolution	4K UHD (3840 x 2160)
Refresh rate	60 Hz
Lifespan	≥ 50,000 hours
Commercial runtimes	16/7 usage
Brightness¹	400 cd/m ² (NITS)
Orientation	Landscape
Display response time	≤ 8 ms
Viewing angle	178°
Protective glass	Full heat-tempered Anti-glare Bonded
Frame color	Black
Sensors	Ambient light Infrared
Audio	2 integrated 20W speakers with high fidelity audio

Third-party software compatibility

Digital communication and content delivery	The Scholastic Network (TSN) Rise Vision
Safety management and emergency response	CrisisGo

Embedded Android™ OS

Operating system	Android version 13.0
CPU	Quad-core
Memory	8 GB DDR4
Storage	64 GB
Screen sharing²	✓
Web browser	✓
Input detect failover (auto switching and recovery)	✓
Input select	✓
Integrated media player	✓
Button lock	✓
Input lockout	✓
SMART Remote Management³	✓
Digital signage content management system	✓
Updates	Over-the-air (OTA)

OPS support

Supported SMART appliances⁴	SMART OPS PC modules SMART AMG1 appliance
Power supply	90 W
More information	See > smarttech.com/accessories

²Wirelessly share content

³SMART Remote Management is used to manage content shown on the display. A subscription to SMART Remote Management is included for the duration of the display's warranty period.

⁴The support and performance of third-party OPS (Open Pluggable Specification) and OPS-C modules may vary. Conduct proper compatibility testing to avoid potential issues.

¹Brightness of individual displays can vary.

Inputs	Front	Back
OPS PC accessory slot	–	1
HDMI® 2.0 with HDCP 1.4 and HDCP 2.2 support	1	2
Display Port 1.2	–	1
VGA video	–	1
Stereo 3.5 mm (variable)	–	1
RS-232 (DB-9 connector)	–	1
RJ45 (LAN IN)	–	1
USB Type-C 4K @ 60Hz Display Port alternate mode, digital audio, USB 3.2 Gen 1 (DFP) for peripherals; 15 W power delivery	1	–
USB Type-C 4K @ 60Hz Display Port alternate mode, digital audio, USB 2.0 Hi-Speed USB	–	1
USB 2.0 Type-A	–	1
USB 3.2 Gen 1 Type-A	2	2

Outputs	Front	Back
HDMI 2.0 with HDCP 1.4 and 2.2 support	–	1
Stereo 3.5 mm (variable)	–	1
S/PDIF optical (fixed)	–	1
RJ45 (LAN OUT)	–	1

Included cables and accessories	Qty
Country-specific power cable	1
6' (1.8 m) USB 3.2 Gen 1 Type-C cable, 5A	1
External dual-band Wi-Fi (2.4 and 5 GHz) and Bluetooth® (2.4 GHz) antennas	2
Remote control with Air Mouse mode	1
AAA batteries	2
Illustrated installation instructions	1
Important information document	1

Connectivity	
Wired	RJ45 (x2) 1000BASE-T
Wi-Fi	IEEE 802.11ax (Wi-Fi 6) supporting WEP, WPA, WPA2, WPA3 PSK, and 802.1X EAP authentication protocols Wi-Fi access point
Bluetooth	5.0 dual mode

Storage and operating requirements	
Power requirements	100V to 240V AC, 50 Hz to 60 Hz
Operating temperature	32–104°F (0–40°C)
Storage temperature	14–140°F (-10–60°C)
Humidity	20–80% relative humidity, non-condensing

Power consumption	
Typical	65": 79 W 75": 88 W 86": 119 W
Standby	<0.5 W

Certification and compliance ⁵	
Regulatory models	IDGX65-2 IDGX75-2 IDGX86-2
US / Canada	cULus FCC ISED TSCA CONEG Packaging Proposition 65
EU / EEA / EFTA / UK	CE UKCA LVD CB EMC RED REACH RoHS Battery WEEE Packaging POP Ecodesign

Australia / New Zealand	RCM
Performance standards	ENERGY STAR® HDMI HDCP

Purchasing information ⁶	
Order numbers	

NX165	SMART Board® NX065 digital display with screen sharing
NX175	SMART Board NX075 digital display with screen sharing
NX186	SMART Board NX086 digital display with screen sharing

Optional accessories	
	See > smarttech.com/accessories

SMART Warranty	
	Terms and conditions and warranty upgrade options vary by region. Visit smarttech.com/warranty or contact your reseller for information.

⁵Product availability may vary by region.

This product has received additional certifications not listed here.

⁶Order numbers may vary by region.

Cable requirements

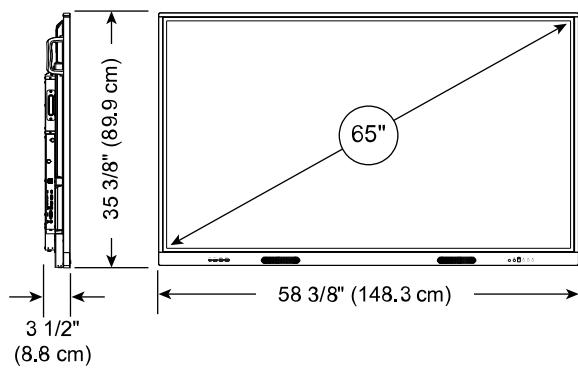
See > *SMART cables and connectors guide*
docs.smarttech.com/kb/171926



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Installation, dimensions, and weights**Notes**

- All dimensions $\pm 1/8"$ (0.3 cm). All weights ± 2 lb. (0.9 kg).
- Product ships upright.

65" models**Dimensions****Weight**

82 lb. (37 kg)

Shipping dimensions (including pallet)63 3/4" x 45 7/8" x 6 1/4"
(162 cm x 116.5 cm x 16 cm)**Shipping weight**

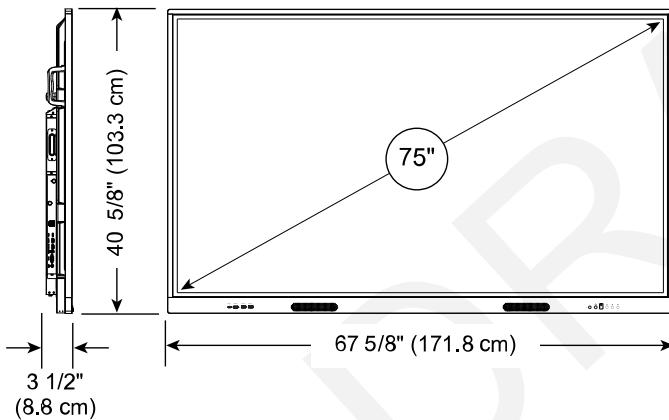
118 lb. (54 kg)

VESA mount

M8 | 600 x 400 mm

Handles

2

75" models**Dimensions****Weight**

114 lb. (52 kg)

Shipping dimensions (including pallet)71 5/8" x 50 5/8" x 6 1/4"
(182 cm x 128.5 cm x 16 cm)**Shipping weight**

158 lb. (71 kg)

VESA mount

M8 | 800 x 400 mm

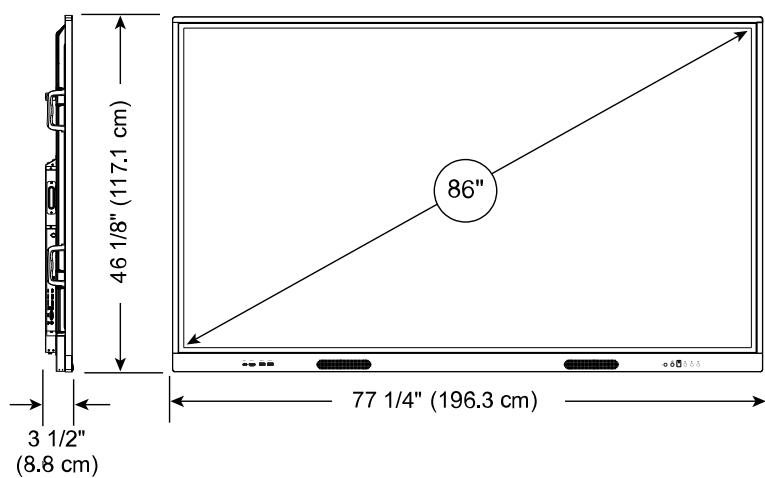
Handles

2

Installation, dimensions, and weights (continued)

86" models

Dimensions



Weight

143 lb. (65 kg)

Shipping dimensions (including pallet)

85 1/4" x 56 7/8" x 6 1/4"

(216.5 cm x 144.5 cm x 16.0 cm)

Shipping weight

198 lb. (90 kg)

VESA mount

M8 | 800 x 600 mm

Handles

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