

## Specifications

# iQ appliance with Intel® Compute Card for SMART Board® interactive displays

## Model AM50

### Overview

The iQ appliance with Intel® Compute Card is designed specifically to work with SMART Board MX, 6000<sup>1</sup>, 6000 Pro<sup>2</sup>, 7000, and 7000 Pro series interactive displays to provide a complete all-in-one experience for classrooms. This solution caters to a whole class, a small group, or individual instruction.

When you install the AM50 model of the iQ appliance in a supported interactive display, you have one-touch access to a full suite of SMART education and third-party applications without connecting an external computer. These applications include the powerful whiteboard, a built-in web browser, access to a number of SMART Learning Suite applications, and multi-platform wireless screen sharing. These native iQ applications provide a simple, yet powerful onboard experience that connects student devices and the interactive display.

Install an Intel Compute Card in the appliance to provide a fully functional Windows® 10 solution at your fingertips, without the need for an external PC or cabling. Choose from two different compute card options to provide a consistent room-to-room Windows Full HD experience, including access to apps in the Microsoft® Store for Education.

### NOTE

Each Intel Compute Card comes with Windows 10 Pro.

See [smarttech.com](http://smarttech.com) for more information about the iQ appliance for SMART Board interactive displays.

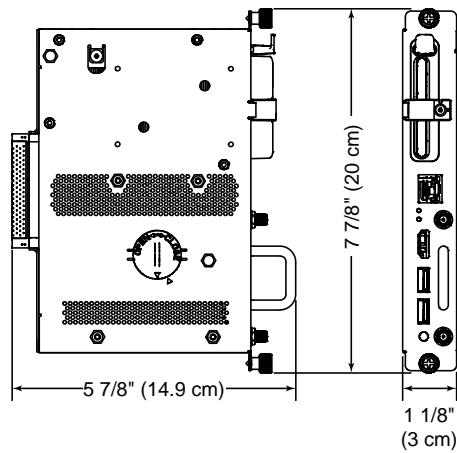


<sup>1</sup>See *Interactive displays* on page 4 under Installation requirements for more information.

<sup>2</sup>See *Interactive displays* on page 4 under Installation requirements for more information.

## Dimensions and weights<sup>3</sup>

### Dimensions



### Weight

2 lb. 10 oz. (1.2 kg)

### Shipping dimensions

12" W × 3" H × 9 1/4" D  
(30.4 cm × 7.5 cm × 23.4 cm)

### Shipping weight

3 lb. 2 oz. (1.4 kg)

## Hardware

Processor	RK3399, Dual-core A72+Quad-core A53, 64 bits, 2 GHz
Memory	4 GB DDR3L SDRAM
Storage	32 GB eMMC 5.1
Wireless technology	Bluetooth® 4.2 802.11A/B/G/N/AC
Capture options	Establish a Bluetooth wireless connection with a supported mobile device (see below) by scanning the appliance's unique QR code
Connectors	HDMI 1.4 (3840 × 2160) output for external monitor (can also be mirrored) USB 3.0 Type-A (for iQ) USB 3.0 Type-A (for Intel® compute card) RJ45 Gigabit Ethernet <sup>4</sup>

<sup>3</sup>All dimensions ± 1/8" (0.3 cm). All weights ± 2 lb. (0.9 kg).

<sup>4</sup>Available only for Gen 5 series interactive displays and SMART Board MX series interactive displays

**Intel Compute Cards<sup>5</sup>**

Intel Pentium® Processor N4200 (2M cache, up to 2.5 GHz)  
 4 GB LPDDR3-1866 MHz RAM  
 Intel HD Graphics 505  
 64 GB embedded storage  
 Intel Dual Band Wireless-AC 7265  
 Integrated Bluetooth 4.2  
 Windows 10 Pro

Intel Core i5-7Y57 Processor (4M cache, up to 3.30 GHz)  
 8 GB LPDDR3-1866 MHz RAM  
 Intel HD Graphics 615  
 128 GB embedded storage  
 Intel vPro™ Technology  
 Intel Dual Band Wireless-AC 8265  
 Integrated Bluetooth 4.2  
 Windows 10 Pro

**iQ system software****Supported languages**

Danish  
 Dutch  
 English  
 Finnish  
 French  
 German  
 Italian  
 Korean  
 Norwegian  
 Portuguese  
 Russian  
 Simplified Chinese  
 Spanish  
 Swedish  
 Traditional Chinese  
 Ukrainian  
 Vietnamese

**Installation requirements****Appliance**

See the *iQ appliance for SMART Board 6000 and 7000 series interactive displays installation instructions* ([smarttech.com/kb/171294](https://smarttech.com/kb/171294))

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<sup>5</sup>AM50 can be ordered with one of the following compute cards. For more information, see [ark.intel.com/#@@PanelLabel121325](https://ark.intel.com/#@@PanelLabel121325).

**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 <sup>6</sup>	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 8.1 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

**Interactive displays**

SMART Board 7000 and 7000 Pro series interactive displays	All SMART Board 7000 and 7000 Pro series interactive displays
SMART Board 6000 and 6000 Pro with iQ series interactive displays	SPNL-6365-V3 (SMART Board 6065-V3 with iQ and Intel Compute Card interactive display) SBID-6365 (SMART Board 6065-V3 with iQ and Intel Compute Card interactive display) SPNL-6375-V3 (SMART Board 6075-V3 with iQ and Intel Compute Card interactive display) SPNL-6365P (SMART Board 6065 Pro with iQ and Intel Compute Card interactive display) SPNL-6375P (SMART Board 6075 Pro with iQ and Intel Compute Card interactive display)
SMART Board MX series interactive displays	All SMART Board MX series interactive displays

**Interactive displays for upgrade**

<sup>6</sup>See [support.google.com/chromecast/answer/6293757?vid=0-518783598150-1524691699161](https://support.google.com/chromecast/answer/6293757?vid=0-518783598150-1524691699161) for more information.

SMART Board 6000  
and 6000 Pro series  
interactive displays

SPNL-6065-V3 (SMART Board 6065-V3 interactive display)  
SBID-6065 (SMART Board 6065-V3 interactive display)  
SPNL-6075-V3 (SMART Board 6075-V3 interactive display)  
SPNL-6065P (SMART Board 6065 Pro interactive display)  
SPNL-6075P (SMART Board 6075 Pro interactive display)

#### NOTE

An AM50 iQ appliance is not included with these displays but these displays support the AM50 iQ appliance.

#### SMART Notebook™ software

See [SMART Notebook release notes](#)

#### SMART Meeting Pro™ software

See SMART Meeting Pro 4 release notes ([smarttech.com/kb/170982](http://smarttech.com/kb/170982))

## Storage and operating requirements

**Power requirements** 12–19VDC at 2.5–1.6A

#### Power consumption

Power consumption at  
77°F (25°C) without  
Intel compute cards

≤30 W

Power consumption at  
77°F (25°C) with Intel  
compute cards

<60 W

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

**Storage temperature** -40–140°F (-40–60°C)

**Humidity** 85% relative humidity, non-condensing

## Certification and compliance

**Regulatory certification** UL (U.S./Canada), FCC, ISED, CE Mark, RCM Mark

#### Environmental compliance

European Union REACH, RoHS, WEEE, Battery and Packaging

U.S. CONEG Packaging, CA Proposition 65 and Conflict Minerals

## Purchasing information

#### Order number

UGK-AM50-EDU iQ appliance with Intel Compute Card for SMART Board interactive displays

SPECIFICATIONS

**iQ APPLIANCE WITH INTEL COMPUTE CARD FOR SMART BOARD INTERACTIVE DISPLAYS – MODEL AM50**

UGK-AM50-PRO	iQ appliance with Intel Compute Card for SMART Board Pro interactive displays
Optional accessories	See <a href="http://smarttech.com/accessories">smarttech.com/accessories</a>
Warranty	Three-year limited equipment warranty

[smarttech.com/support](http://smarttech.com/support)  
[smarttech.com/contactsupport](http://smarttech.com/contactsupport)

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