

## 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 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 three 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.

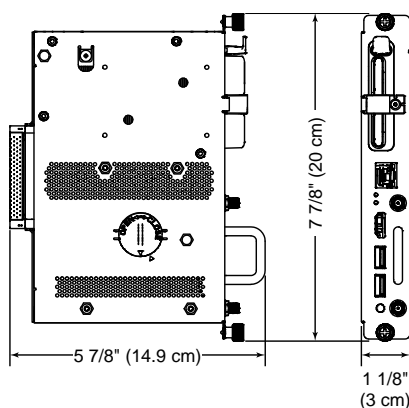
### NOTE

Each Intel Compute Card comes with Windows 10 Pro.

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

### 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)

<sup>1</sup>See Interactive Displays under Installation requirements for more information.

<sup>2</sup>See Interactive Displays under Installation requirements for more information.

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

## Hardware

<b>Processor</b>	RK3399, Dual-core A72+Quad-core A53, 64 bits, 2GHz
<b>Memory</b>	4 GB DDR3L SDRAM
<b>Storage</b>	32 GB eMMC 5.1
<b>Wireless technology</b>	Bluetooth® 4.1 802.11A/B/G/N/AC
<b>Capture options</b>	Establish a Bluetooth wireless connection with a supported mobile device (see below) by scanning the appliance's unique QR code
<b>Connectors</b>	HDMI 1.4 (3840 × 2160) output for external monitor USB 3.0 Type-A (for iQ) USB 3.0 Type-A (for Intel® compute card) RJ45 Gigabit Ethernet
<b>Intel Compute Cards<sup>45</sup></b>	<p>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</p> <p>Intel Core™ m3-7Y30 Processor (4M cache, up to 2.60 GHz) 4 GB LPDDR3-1866 MHz RAM Intel HD Graphics 615 128 GB embedded storage Intel Dual Band Wireless-AC 8265 Integrated Bluetooth 4.2 Windows 10 Pro</p> <p>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</p>

<sup>4</sup>AM50 can be ordered with one of the following compute cards described on [ark.intel.com/#@PanelLabel121325](http://ark.intel.com/#@PanelLabel121325).

<sup>5</sup>For more information about the Intel compute cards' memory, see [intel.com/ComputeCard](http://intel.com/ComputeCard).

## iQ system software

<b>Supported languages</b>	French German Italian Japanese Korean Norwegian Simplified Chinese Spanish Swedish Traditional Chinese
----------------------------	---

<b>Included apps</b>	Whiteboard SMART Notebook Player <sup>6</sup> Browser Input Screen Share
----------------------	--

## Installation requirements

<b>Appliance</b>	See the <i>iQ appliance (AM50) for SMART Board interactive displays installation instructions</i> ( <a href="http://smarttech.com/kb/171291">smarttech.com/kb/171291</a> )
------------------	--

### 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>7</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

<sup>6</sup>Only available for education models of the iQ appliance (AM50)

<sup>7</sup>See [support.google.com/chromecast/answer/6293757?vid=0-518783598150-1524691699161](http://support.google.com/chromecast/answer/6293757?vid=0-518783598150-1524691699161) for more information.

<b>Interactive displays</b>	All SMART Board 7000 and 7000 Pro series interactive displays SMART Board 6065-V2 with iQ interactive display (SPNL-6365-V2) SMART Board 6075 with iQ interactive display (SPNL-6375) SMART Board 6075 Pro with iQ interactive display (SPNL-6375P) SMART Board 6065 Pro with iQ interactive display (SPNL-6365P)
-----------------------------	---

<b>SMART Notebook software</b>	See <i>SMART Notebook 18 release notes</i> ( <a href="https://smarttech.com/kb/171298">smarttech.com/kb/171298</a> )
--------------------------------	--

<b>SMART Meeting Pro software</b>	See SMART Meeting Pro 4 release notes ( <a href="https://smarttech.com/kb/170982">smarttech.com/kb/170982</a> )
-----------------------------------	---

## Storage and operating requirements

<b>Power requirements</b>	12–19 V DC 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
---	-------

<b>Operating temperature</b>	41–95°F (5–35°C)
------------------------------	------------------

<b>Storage temperature</b>	-40–140°F (-40–60°C)
----------------------------	----------------------

<b>Humidity</b>	85% relative humidity, non-condensing
-----------------	---------------------------------------

## Certification and compliance

<b>Regulatory certification</b>	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
--------------	---

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

<b>Optional accessories</b>	See <a href="https://smarttech.com/accessories">smarttech.com/accessories</a>
-----------------------------	---

<b>Warranty</b>	Three-year limited equipment warranty
-----------------	---------------------------------------

---

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

© 2018 SMART Technologies ULC. All rights reserved. SMART Board, smarttech, the SMART logo and all SMART taglines are trademarks or registered trademarks of SMART Technologies ULC in the U.S. and/or other countries. Intel, Intel Core, Pentium and Celeron are trademarks of Intel Corporation in the U.S. and/or other countries. Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. The Bluetooth word mark is owned by the Bluetooth SIG, Inc. and any use of such marks by SMART Technologies ULC is under license. All other third-party product and company names may be trademarks of their respective owners. This product and/or use thereof is covered by one or more of the following U.S. patents: [www.smarttech.com/patents](http://www.smarttech.com/patents). Contents are subject to change without notice. 07-2018.