




Comparison iQ appliances

The iQ appliance is available for select SMART Board® interactive display models. Install the appliance in the accessory slot on the back of these models to use iQ apps and other collaborative tools.

In September 2017, SMART introduced a new iQ appliance model (AM40) which replaces the original iQ appliance model (AM30). The following table compares the key features of these models. In September 2018, SMART introduced a new iQ appliance model (AM50) that also included an Intel Compute Card.

NOTE




To identify your iQ appliance model, use the [Identifying your iQ appliance model wizard](#).

Feature	AM30	AM40	AM50
			
Processor	APQ8074AC	RK3399 Dual-core A72 + Quad-core A53 64 bit 2 GHz	RK3399 Dual-core A72+Quad-core A53 64 bits 2 GHz


COMPARISON
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Feature	AM30	AM40	AM50
Intel Compute Card optio	[N/A]	[N/A]	Intel Pentium® Processor N4200 (2M cache, up to 2.5 GHz) Intel Core™ m3-7Y30 Processor (4M cache, up to 2.60 GHz) Intel Core i5-7Y57 Processor (4M cache, up to 3.30 GHz)
Memory	3 GB LPDDR3 SDRAM, 931.2 MHz	4 GB DDR3L SDRAM	4 GB DDR3L SDRAM
Storage	8 GB eMMC Flash	32 GB eMMC 5.1	32 GB eMMC 5.1
Wireless technology	Bluetooth 4.0 dual mode (backwards compatible with Bluetooth 2.1 + EDR) 802.11A/B/G/N/Ac	Bluetooth 4.1 802.11A/B/G/N/Ac	Bluetooth 4.1 802.11A/B/G/N/Ac
Antennae	1	2	2

COMPARISON
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Feature	AM30	AM40	AM50
Connectors	 <p>USB 3.0 Type-A (×2) USB 2.0 Type-B (×2) HDMI 1.4 in HDCP-encrypted HDMI 1.4 out RJ45 Gigabit Ethernet</p>	 <p>USB 3.0 Type-A (×2) HDMI 1.4 out RJ45 Gigabit Ethernet</p> <hr/> <p>NOTES</p> <ul style="list-style-type: none"> • The AM40 appliance doesn't include an HDMI 1.4 input because currently shipping interactive display models feature multiple video inputs. • The HDMI 1.4 output on the AM40 appliance doesn't currently support HDCP-encrypted content. This could change. Refer to the latest AM40 appliance specifications (see below). 	 <p>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</p>

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Feature	AM30	AM40	AM50
		 <ul style="list-style-type: none"> There is a cover over the RJ45 jack. Only remove this cover if you are installing the AM40 appliance in a SMART Board 6000 series interactive display and need an Ethernet connection. Otherwise the RJ45 jack is not required. 	
Audio issues	N/A	If you're installing the AM40 appliance in a SMART Board 6055 or 6065 interactive display (models SPNL-6055 or SPNL-6065) and encounter audio issues, see smarttech.com/kb/171203 .	[N/A]
More information	See smarttech.com/kb/171097	See smarttech.com/kb/171182	See smarttech.com/kb/171263

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