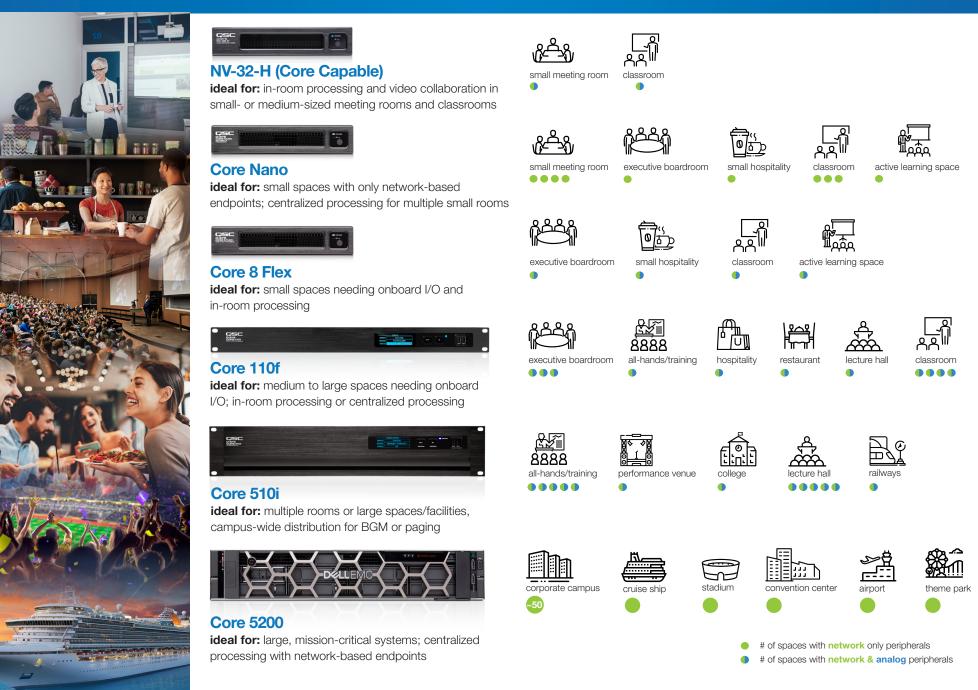
Q-SYS[®] Core processor Comparison chart

Q-SYS Core processors are the heart of a Q-SYS system, handling all of the audio, video, and control processing for any installation type. This chart doesn't provide a definitive list of applications for each Core, but is intended to help you select the best AV&C processor based on the I/O requirements and scale of your unique installation.





CORE PROCESSOR COMPARISON CHART

		NV-32-H (Core Capable)	Core Nano	Core 8 Flex	Core 110f	Core 510i	Core 5200
audio	total network I/O	32 x 32	64 x 64	64 x 64	128 x 128	256 x 256	512 x 512
	onboard I/O	HDMI (8-ch per port) 3.5 mm (1 x 1)	-	8 flex	8x in, 8x out, 8x flex	128 x 128 (8x I/O card slots)	-
	Software-based Dante capacity	none included (up to 32 x 32)	8 x 8 included (up to 32 x 32)	8 x 8 included (up to 32 x 32)	8 x 8 included (up to 32 x 32)	8 x 8 included (up to 128 x 128)	8 x 8 included (up to 512 x 512)
	USB audio channel count	TBD	8 x 8	8 x 8	16 x 16	-	-
	audio recording/playback	4 ch recording/ 16 ch playback	4 ch recording/ 16 ch playback (expandable to 32 ch)	4 ch recording/ 16 ch playback (expandable to 32 ch)	4 ch recording/ 16 ch playback (expandable to 32 ch)	4 ch recording/ 16 ch playback (expandable to 128 ch)	4 ch recording/ 16 ch playback (expandable to 128 ch)
connected collaboration	AEC processors	8	8	8	16	64	160
	universal web conferencing compatibility	1	1	1	1	1	V
	VoIP instances	1	2	2	4	64	64
	native video distribution control (via NV Series peripheral)	1	1	1	1	1	V
	local HDMI switching	√	-	-	-	-	-
	onboard AV bridging (USB)	1	1	1	1	-	-
control	full-featured scripting engine license	optional	optional	optional	optional	optional	included
	UCI deployment license	optional	optional	optional	optional	optional	included
	onboard GPIO	2 in x 3 out	-	8 x 8	16 x 16	16 x 16	-
	onboard RS232 control ports	1	2	2	1	1	1
other	Q-SYS peripheral limit*	32	32	32	-	-	-
	size	1/2 rack, 1RU	1/2 rack, 1RU	1/2 rack, 1RU	1RU	2RU	2RU



Q-SYS[™]

*includes native Q-SYS cameras, I/O, NV, TSCs, paging stations), Extensions and plugins with their "Is Managed" property set to "Yes". It does not include Streaming I/O, Loudspeakers, Scripts or plugins with their "Is Managed" property set to "No".

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