



KILOVIEW CRADLE SERIES SELECTION GUIDE

The Kiloview Cradle Series consists of three modular, rack-mounted platforms for AV-over-IP workflows. Each supports compatible cards for encoding, decoding, media gateway and other media processing functions. The models differ in chassis size, card capacity, network connectivity and management options to suit different deployment requirements.



A 1RU chassis with four card slots for encoding, decoding and media gateway workflows. Each card connects independently to an external network switch.



A 2RU platform with 16 card slots for deployments using an existing IP network. An optional control card adds centralized management.



A 2RU platform with 18 card slots, built-in network switching and 10G external interfaces. KiloLink Server Pro provides centralized management of installed cards.

SELECTION RECOMMENDATIONS

RF01 Media Chassis **Small studios, portable systems and distributed deployments**

For workflows requiring a small number of encoding, decoding or gateway cards. Four independent network ports correspond to the four card modules. The 1RU chassis accommodates smaller installations without allocating space for a larger chassis.

RF02-LC Media Center **Centralized deployments using an existing IP network**

The 16 service card slots support mixed card configurations. Cards can operate independently, with an optional control card added when centralized management through KiloLink Server Pro is required. Suitable for teams that manage their own network infrastructure.

RF02 Media Center **Centralized networking and card management**

Built-in network switching allows installed card modules to share an external network connection. The control card runs KiloLink Server Pro to discover, monitor, configure and upgrade installed card modules through a web interface.

PLATFORM COMPARISON

			
Specification	RF01 Media Chassis 1RU / 4 slots	RF02-LC Media Center 2RU / 16 slots	RF02 Media Center 2RU / 18 slots
Chassis	1RU	2RU	2RU
Card Slots	4	16	18
Control Card	Not available	Optional in a dedicated slot	Included as standard
Built-in Network Switching	None	None	Yes; external interfaces: 3×10G SFP+1×10G RJ45
Network Connectivity	Each service card connects independently to an external switch	Each service card connects independently to an external switch	Each service card connects independently to an external switch, or via the built-in network switching module
Centralized Management	Not supported	Supported with the optional control card	Standard control card included
Display	1.9-inch LCD	1.9-inch LCD	3-inch LCD
Compatible Cards	FN-50/60, FN-7/8, FD-360, FMG-400 (FXC-A8800 not supported)	FN-50/60, FN-7/8, FD-360, FMG-400, FXC-A8800	FN-50/60, FN-7/8, FD-360 FMG-400, FXC-A8800
Applications	Small-scale media workflows and compact deployments	Projects with an established IP network requiring configurable media capabilities and centralized management	Media processing with built-in networking and centralized card management

CARD MODULES

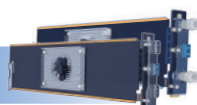
Select card modules for the required inputs, outputs and processing tasks. Available card types include:

FN-50 / FN-60



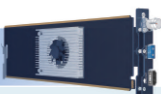
4K Bi-Directional Conversion Cards for 4K video encoding, decoding and IP streaming. FN-50 provides 12G-SDI connectivity; FN-60 provides 4K HDMI connectivity.

FN-7 / FN-8



All-In-One Conversion Cards for bidirectional conversion between HD SDI/HDMI signals and IP streams. Add cards to match the number of encoding or decoding channels required.

FD-360



A 4K Multi-functional Decoding Card combining decoding, preview, video processing and multiview monitoring, with local HDMI and 3G-SDI output.

FMG-400



A Media Gateway Card supporting transcoding, protocol conversion and stream distribution across formats and protocols such as NDI, SRT and RTMP.

FXC-A8800



A Compute Card for software-based media processing, production and transcoding workflows (only compatible with RF02 LC Media Center and RF02 Media Center).

CROSS-PLATFORM EXPANSION

RF01 Media Chassis, RF02-LC Media Center, and RF02 Media Center share the same CRADLE modular card ecosystem. Compatible cards can be used across all three platforms and moved between chassis as system requirements evolve.



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