Comparative Sheet

Feature	AirServer Connect 3	WolfVision Cynap Pure Mini	Advantage	Why
Core Performance & Capabilities				
System on Chip	Intel 12th generation, 2023 design	Intel 9.5 Gen (Gemini Lake Refresh, 2019), EOL 2023	AirServer Connect 3	Modern system design and supported until 2033
RAM / Storage	8GB LPDDR5 4800 MT/s + 64GB eMMC	4GB DDR4 2400 MT/s + 64GB eMMC	AirServer Connect 3	Double the RAM with double the speed offers much better streaming performance and responsiveness
Wireless & Connectivity				
Wi-Fi	2.4 GHz, 5 GHz, 6 GHz (Wi-Fi 6E) SX-PCEAX	Wi-Fi 5 (2.4 GHz AP / 2.4 + 5 GHz Infra) RTL8822CE	AirServer Connect 3	Miracast is disabled if the device is configured to connect to a Wi-Fi network: https://wolfvision.com/media/1836/download/Cynap_Pure_Series_Mirroring_Modes_2024_EN.pdf?v=3
Network	2.5 GbE LAN and Wi-Fi.	1 GbE LAN and Wi-Fi	AirServer Connect 3	Faster LAN and much more capable Wi-Fi
Hotspot	Wi-Fi 6E hotspot operating in 2.4 GHz, 5 GHz (including DFS channels) or 6 GHz with dual-band simultaneous support. Supports up to 32 Wi-Fi clients simultaneously. Access control (Device only, Internet only or Internet + LAN).	2.4 GHz, 5 GHz (does not support DFS channels)	AirServer Connect 3	AirServer can connect to Wi-Fi network, setup a hotspot and receive Miracast connections at the same time across 2 bands simultaneously. AirServer also offers better security as it uses WPA3.
Device Compatibility & Streaming Protocols				
AirPlay 2	4K screen mirroring using presentation times. Low latency video streaming, including multi-audio streams, subtitles and playlists. Enhanced buffering and multi-room audio support using AirPlay 2. Landscape and portrait display orientation is supported.	4K screen mirroring with no support for presentation times No low latency video streaming, multi-audio streams, subtitles or playlist support No AirPlay 2 support Not optimized for portrait displays	AirServer Connect 3	Cynap Pure (or mini) experiences audio crackling and audio/video drift when streaming audio over AirPlay mirroring. Users also complain about sluggish video playback and random disconnects while AirPlay streaming from YouTube.
Google Cast	Cast screen. Cast from apps, including DRM protected online streaming apps such as Disney+, National Geographic, and Amazon Prime. Landscape and portrait display orientation is supported.	Only support casting of screen No cast from apps support Not optimized for portrait displays	AirServer Connect 3	Cynap Pure (or mini) Only supports mirroring over Google Cast, and does not support cast from apps.
Miracast	Low latency 4K casting. Miracast over infrastructure with full encryption. Back channel support with 10 touch points (pens/fingers), keyboard, mouse, gamepad. Windows Display Orientation is supported. Optimised for Windows and Samsung devices. Supports Samsung DeX.	4K Miracast is not possible due to lack of 5GHz AP support Limited back channel support Windows Display Orientation not supported No special optimizations for Windows or Samsugn devices Does not support Samsung DeX properly	AirServer Connect 3	Cynap Pure (or mini) lacks proper Miracast support
Full BYOD Support	Comprehensive protocol support with AirPlay 2 enhancements, Google Cast DRM playback, improved Miracast for Windows and Samsung DeX, portrait screen compatibility and a guest network for seamless device connections.	Limited BYOD support	AirServer Connect 3	Many protocol releated features are not implemented in Cynap Pure (or mini)
BYOM Ready	Effortlessly connect to all meeting room peripherals such as USB cameras (with full 4K resolution), through the upcoming Connect Button. No apps or drivers required.	No	AirServer Connect 3	BYOM ready
Collaboration & Interactivity				
Touch Screen Support & Interactivity	Yes, full touch back support over Miracast with up to 10 touch points (pens/fingers).	Limited as it does not support 10 touch points	AirServer Connect 3	Cynap pure (or mini) supports limited back channel support
Session Moderation	Yes, control and select what is being shared on the connected display using the built-in moderator web portal.	No	AirServer Connect 3	Session moderation supported
Video Streaming & Display Features				
DRM Support	Seamlessly streams online content like Disney+, National Geographic and Amazon Prime via Google Cast.	No	AirServer Connect 3	DRM apps supported
Sources Simultaneously on Screen	12× 1080p60, 6× 4K30, or 3× 4K60 jitter-free sources, unlimited sessions beyond that.	4× 1080p60 sources	AirServer Connect 3	More simultaneous connections and better layout options
Video Output	Triple Display in 4K UHD (3840 × 2160 @ 60 Hz) Front: 1× USB-C (DP Alt Mode 1.4) Back: 1× USB-C (DP Alt Mode 1.4), 1× HDMI 2.0a	1x HDMI	AirServer Connect 3	Triple display support
Natively Supported Display Resolutions	USB-C: 5120 × 2160 (5K2K Ultrawide 21:9) 5120 × 1440 (Super Ultrawide 32:9) USB-C, HDMI: 3840 × 2160 (4K UHD, 16:9) 1920 × 1080 (Full HD, 16:9)	HDMI: 3840 × 2160 (4K UHD, 16:9) 1920 × 1080 (Full HD, 16:9) 1280 × 720 (HD, 16:9)	AirServer Connect 3	Higher resolution
Display Orientation	TVs and touch panels are fully compatible and optimised for both landscape and portrait orientations.	Landscape only	AirServer Connect 3	Landscape and portrait mode supported
Audio & I/O Connectivity				
Audio Output	USB, HDMI	HDMI, USB	–	
HDMI in	Yes, using optional accessory.	No	AirServer Connect 3	HDMI in supported using optional accessory
Connectivity (I/O Ports)	Front: 2× USB-A 3.2 (10 Gbps) 1× USB-C 3.2 (10 Gbps) + Alt DP Back: 1× USB-C 3.2 (10 Gbps) + Alt DP + PD 3.0 1× Ethernet LAN (2.5 Gbps) 1× HDMI 2.0a	Front: 1x USB 3.0 1x USB 2.0 Back: 1x Ethernet LAN (1 Gbps) 1× HDMI 1× Proprietary Power Connector	AirServer Connect 3	Cynap Pure (or mini) uses obsolete and proprietary connectors
Security & Management				
Authentication Protocol	WPA2, WPA3 Enterprise, IEEE 802.1X	WEP, WPA2, IEEE 802.1X	AirServer Connect 3	Cynap Pure (or mini) lacks WPA3 support
Anti-theft System	Kensington Lock	Kensington Lock	–	
Central Management & Reporting	Free, with no additional fees or subscription models required	Via vSolution Link Pro (on-premise)	–	

Additional Features

Live Streaming	Share the big screen with the people at the back or in other rooms	No	AirServer Connect 3	
Digital Signage	Supports popular HTML-based digital signage players	No	AirServer Connect 3	

Software & Support

Languages	English, French, German, Italian, Spanish	Not specified	–	
Software Updates	Yes, without any subscription fee	Not specified	–	
Offline Updates	Yes, using USB flash drive	Not specified	–	
Certifications	FCC/CE/UL/RCM/IMDA/TELEC (MIC)/ISED/WPC/TDRA & TAA Compliance	Not listed	–	
Warranty	2 years standard	3 years (up to 5 years optional)	–	

Power & Physical Specifications

Power Supply	45W+ (20V, 2.25A or more) USB-C PD power adapter (available in optional accessory box)	Proprietary 12V 2A with 3.0x1.1mm barrel connector	AirServer Connect 3	Cynap Pure (or mini) uses proprietary 12V power adaptor which is hard to replace
Power Consumption	~5-10W	Up to 24W	AirServer Connect 3	Cynap Pure (or mini) can be noisy under load
Dimensions (h×w×d)	78 mm × 78 mm × 34 mm (39 mm with magnetic mount) / 3.07 in × 3.07 in × 1.34 in (1.54 in with magnetic mount)	70 x 70 x 35 mm	–	
Weight	218 g (0.48 lb) / 250 g (0.55 lb) with magnetic mount	260g	–	

MSRP

Europe / North America / United Kingdom	(€799 / $899 / £699) + tax		–	