

H200W with Orchestra for remote management and control



A WiFi enabled 4K UHD media player with BLE 5.2 for greater deployment flexibility and a wide range of enterprise video and signage use cases.

Overview

The Amino H200W is part of our H200 series – offering all the power and features of the H200, with added flexibility through integrated Wi-Fi and Bluetooth 5.2. This makes it ideal for deployments where wired connections are impractical, enabling rapid installation in more locations without compromising performance.

Fully integrated with Amino Orchestra, our powerful cloud-based device management platform, the H200W provides a complete, end-to-end solution for delivering, managing and controlling enterprise video, digital signage and Pro-AV applications: locally or at scale.

From single-site installations to multi-location networks, H200W and Orchestra together ensure quick setup, remote visibility, efficient troubleshooting and reliable content delivery.

Why H200W + Orchestra?

One Complete Solution:

Integrated hardware and cloud management for smooth deployment and ongoing operation.

Fast Deployment:

Zero-touch provisioning, setup wizard, PoE, and wireless capability for simplified installation.

Secure & Reliable:

Rugged chassis, quarterly firmware updates, and CVE monitoring for ongoing protection.

Flexible Connectivity:

Built-in Wi-Fi 6 (802.11ax) and Bluetooth 5.2, plus Ethernet, for maximum deployment options.

Interactive & Real-Time:

Built-in browser, Media Player JavaScript Extensions, and low-latency streaming for live events, betting, and interactive signage.

Optimized Delivery:

AV1/HEVC 4Kp60 for high-quality visuals with reduced bandwidth use.

Front View



Back View



Accessories

- | | |
|--------------------------|-------------------|
| 1 IR Receiver Panel | 8 SD Card Slot |
| 2 Ethernet | 9 Power 12V/1A |
| 3 Digital Audio (S/PDIF) | 10 VESA Mount |
| 4 A/V Out | 11 WiFi Antenna |
| 5 HDMI | 12 Remote Control |
| 6 Reset button | 13 Power Supply |
| 7 2x USB | 14 HDMI Cable |



H200W Key features

Device Management

- Local REST API for private networks.
- Orchestrate cloud integration for remote scheduling, updates and diagnostics.

Content & Video

- Low-latency streaming (LL-HLS, LL-DASH, WebRTC, SRT).
- Multi-decode: 1x4Kp60, 2x4Kp30, 4x1080p60, and multiple SD streams.
- Built-in browser for HTML5/WebGL applications.
- AV1, HEVC/H.265, AVC/H.264, MPEG-2, VP9 video codecs.

Hardware & Performance

- CPU: 21.8K DMIPs, 4GB RAM, 32GB eMMC Flash, MicroSD expansion.
- HDMI 2.1, S/PDIF, CVBS + L/R Audio, 2x USB 2.0, detachable Wi-Fi antennas.
- VESA mounting, PoE, Bluetooth 5.2.
- Operating temperature: 5–40°C, weight 540g.

Networking & Security

- 10/100/1000 Ethernet, dual-antenna Wi-Fi 6, Bluetooth 5.2.
- Regular firmware updates and CVE monitoring for secure operation.

Orchestrate Key Benefits

Centralized Device Control

Manage devices from anywhere via Orchestrate's browser-based interface. Group devices, assign firmware/configurations, and launch deployments in clicks.

Scalable Management

Deploy consistently across single or multiple sites with automated provisioning and predefined configurations.

Rapid Troubleshooting

View on-screen content remotely, validate playback, and take corrective actions, reboot, factory reset, or access logs.

Brand Protection

Minimize downtime and ensure content is always delivered on time and on brand.

How to Order

To order Orchestrate and/or Support please contact Amino at: dse@amino.tv

1. Our Sales Team will provide you with a quote and Data Capture Form
2. Complete and return the Data Capture Form via email to orders@amino.tv
3. Our Operations Team will process your order and activate the selected services for you
4. You'll be notified once your chosen services are activated

Scan me



Want to know more?

www.amino.tv

Essential Support is included with Orchestrate. To upgrade to our Enhanced or Premium Support tiers, contact us.



Specifications

Processing

CPU	21.8K DMIPs
DRAM	4 GB RAM
Flash	32GB eMMC Flash

Interfaces

Digital Video	HDMI 2.1
Analog Video	CVBS + L/R Audio
Ethernet	10/100/1000
USB	2x USB 2.0
Digital Audio	Optical S/PDIF
Remote Control Support	IR 36KHz
Status LEDs	Power/Standby
Memory	Storage Expansion: MicoSD (Screw Lock Cover)
Wi-Fi	2 external detachable antenna 2x2 802.11ax
Bluetooth	Bluetooth v5.2

Software

- Javascript SDK for WebApplication development
- REST API for Device Management
- Compatible with Orchestrate Cloud Device Management
- Pre-integrated CMS solutions (Contact us for more info)
- Native Application support

Video & Audio Formats

Video Resolution and Output Standards	480i, 480p, 576i, 576p, 720p, 1080i, 1080p60, 2160p60 10-bit (4Kp60) HDR10+ and HLG
Audio Codecs	Dolby Digital, Dolby Digital Plus, LC-ACC & HE-AAC
Video Codecs	AV1, HEVC/H.265, AVC/H.264 (MPEG-4, Part 10), MPEG-2, VP9
IP Streaming Formats	RTSP, HLS, LL-HLS, Dash, LL-Dash, SRT, HTML5 Video-Tag

Networking & Security

Networking Standards	IGMPv2 / IGMPv3 UDP-Multicast, UDP-Unicast
Environmental and Safety	FCC, CE, CB, UKCA and ROHS compliance

Power

Power Supply	12V/1A (9W maximum)
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Operating Environment

Temperature	5-40°C (40-104°F) operating temperature
Humidity	30-95% relative humidity

Physical Properties & Mechanics

Size (L*W*H) in millimeters	158 x 121 x 38 ; mounting: 16 (without antenna connected)
Weight	540g
Mounting Options	VESA mounting brackets

