

H200 with Orchestrate for remote management and control



A high performance 4K UHD enterprise player, optimized to deliver high quality content for enterprise video, digital signage and Pro-AV applications.

Overview

The Amino H200 is a ruggedised, high-performance 4K UHD enterprise-grade media player. When fully integrated with Orchestrate - Amino's powerful cloud-based device management platform - it provides a complete end-to-end solution for delivering, managing and controlling enterprise video, digital signage and IPTV solutions, whether locally or at scale across the globe.

Whether you are deploying a single display or managing thousands of endpoints, the H200 + Orchestrate combination enables fast setup, real-time monitoring, rapid troubleshooting and reliable content delivery.

Why H200 + Orchestrate?

One Complete Solution:

Hardware and cloud management working together for smooth deployment and ongoing operation.

Flexible Management:

Control devices locally via REST APIs or remotely through Orchestrate's web-based interface.

Faster Deployments:

Zero-touch provisioning, intuitive setup wizard, and PoE for quick single-cable installation.

Interactive & Real-Time:

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

Reliable Performance:

Rugged, secure design with regular firmware updates and proactive vulnerability monitoring.

Optimized Content Delivery:

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

Front View



Back View



Accessories



- 1 IR Receiver Panel
- 2 Ethernet (PoE)
- 3 Serial I/O port
- 4 Digital Audio (S/PDIF)
- 5 A/V Out
- 6 IR Extender *
- 7 HDMI
- 8 Reset button
- 9 2x USB
- 10 Power 12V/1A
- 11 VESA Mount
- 12 Remote Control
- 13 Power Supply
- 14 HDMI Cable
- 15 IR Extender **

*For out of sight deployments
**Optional accessories

H200 Key features

Device Management

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

Content & Video

- Low-latency streaming for live and time-sensitive applications.
- Multi-decode: side-by-side, picture-in-picture, and mosaic layouts.
- Built-in browser for HTML5 and WebGL applications.
- AV1, HEVC/H.265, AVC/H.264, MPEG-2, VP9 video codecs.

Hardware & Performance

- 21.8K DMIPs CPU, 2GB RAM (4GB option), 8GB eMMC Flash (32GB option).
- HDMI 2.1 output, S/PDIF, CVBS + L/R Audio, 2x USB 2.0, RS232/TVI.
- VESA mounting brackets, IR extender port, PoE support.
- Operating temperature: 5–40°C, weight 500g.

Networking & Security

- 10/100/1000 Ethernet, IGMPv2/v3, UDP Multicast/Unicast.
- Regular firmware updates and CVE monitoring for secure operation.

Orchestrate Key Benefits

Centralized Device Control

Manage devices from anywhere with Orchestrate's intuitive, browser-based interface. Group devices, assign firmware and configurations and launch new deployments quickly.

Zero-touch Provisioning & Scalable Management

Deploy to single sites or large-scale, geographically dispersed networks with consistent, automated zero-touch provisioning.

Rapid Troubleshooting

View live on-screen content remotely to validate playback, diagnose issues and take corrective actions such as reboot, factory reset, or log retrieval.

Brand Protection

Minimize downtime and ensure that your content is always delivered when and where it's needed.

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 you will be sent a link via email to make payment.
4. Once payment is received your selected services will be activated for you.

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

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Want to know more?

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Specifications

Processing

CPU	21.8K DMIPs
DRAM	2GB RAM (4GB option)
Flash	8GB eMMC Flash (32GB option)

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
Serial Port	RS232/TVI interface
Remote Control Support	IR 36KHz 3.5mm IR Extender Port
Status LEDs	Power/Standby
Memory	Internal SD Card Slot

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
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Power

Power Supply	12V/1A (9W maximum)
Alternative Power Source	Power Over Ethernet (POE)

Operating Environment

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

Physical Properties & Mechanics

Size (L*W*H)	158 mm x 121 mm x 38 mm; Mounting: 16 mm
Weight	500g
Mounting Options	VESA mounting brackets

Regulatory Compliance

Environmental and Safety	FCC, CE, CB, UKCA and ROHs compliance
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