



# Kamai 7B

Powerful 4K UHD client Device with  
Advanced WiFi Options



## Features

- Distribute 4K UltraHD content without sacrificing bandwidth
- Wholehome HD video distribution through integrated Broadcom 4x4ac WiFi
- IR and Bluetooth connectivity
- High Dynamic Range (HDR) processing including HDR10 and HLG
- Optional support for PLTV on flash
- Energy efficient DeepSleep™ technology for reducing power consumption up to 99%, in standby mode
- Self-install wizard to simplify deployment

## Overview

- Optimized to delivery digital video broadcast and streaming media services
- Delivers highest possible resolution while reducing bandwidth requirements by up to 50%
- Streamline device deployment with self-install wizard
- Powered by AminoOS software simplifying integration with a wide variety of middleware and DRM solutions, as well as existing infrastructure such as multicast, MPEG-2 and more

All Amino Devices are enhanced with Amino Engage, our SaaS platform streamlining device deployment and management, including app updates, while enhancing customer support.



# Specifications

| Processing               |   |
|--------------------------|---|
| CPU                      | 14K DMIPS, quad-core ARM-v8 CPU   |
| DRAM                     | 1GB or 2GB RAM  |
| Flash                    | 8GB iNAND   |
| Software                 |   |
| Operating System         | Linux   |
| Audio / Video Interfaces |   |
| Digital Video            | HDMI 2.0  |
| Analog Video             | CVBS + L/R Audio  |
| Video Formats            |   |
| Video Resolutions        | 480i, 480p, 576i, 576p, 720p, 1080i, 1080p60, 2160p60 10-bit  |
| Audio Codecs             | Dolby Digital, Dolby Digital Plus, MPEG I Layer 1 and 2, LC-ACC & HE-AAC                                  |
| Video Codecs             | AVC/H.264 High Profile @ Level 4.2, HEVC/H.265, MPEG-1/H.261/H.263, MPEG-2 Main Profile @ High Level, VP9 |
| Other codecs on request  |   |
| Other Interfaces         |   |
| Ethernet                 | 10/100/1000 Base-T Ethernet   |
| Wi-Fi                    | 4x4 802.11ac/n 5GHz   |
| USB                      | 1 x 3.0   |
| Status LED               | Standby button with status LED  |
| Remote Control Support   | IR 36KHz / BLE  |
| Regulatory Compliance    |   |
| Environment and Safety   | FCC Certified, CB Certified, CE Certified, RoHS Compliant   |
| Power                    |   |
| Power Supply             | External, 12V / 2A  |
| Power Consumption        | 7W maximum, fully equipped  |
| Operating Environment    |   |
| Temperature              | 5-40°C (40-104°F) operating temperature   |
| Humidity                 | 30-95% relative humidity  |
| Physical Properties      |   |
| Size (L*W*H)             | 170 mm x 117 mm x 36 mm   |
| Weight                   | 270g  |

## Customer Support

To find out more please contact an Amino representative:

[sales@amino.tv](mailto:sales@amino.tv)

[amino.tv](http://amino.tv)

