

AMINO KAMAI 651

4K UHD CLIENT TV DEVICE

FEATURES

- Optimised for digital video broadcast and streaming media services
- Reduce bandwidth by up to 50% with H.265/HEVC support
- Superior 4K Ultra-HD resolution, 4x greater than 1080p for best viewing experience
- Dual 720p30 transcoding for multi-screen support
- Whole-home HD video distribution with flexible networking options: MoCA, Wi-Fi, and BLE
- Support PLTV on Flash
- Energy efficient with DeepSleep™ technology for reducing power consumption up to 99% in standby mode
- Ready-to-Deploy IPTV solution
- Supports legacy televisions

TECHNICAL SPECIFICATIONS

VIDEO FORMATS

- VC-1 Advanced Profile @ Level 3
- AVC/H.264 High Profile @ Level 4.2
- H.265 High Efficiency Video Coding (HEVC)
 - Main Profile and Main 10 Profile
- MPEG-2 Main Profile @ High Level
- MPEG-4 Part 2 Advanced Simple Profile
- DivX versions 3.11, 4.1, 5.X, and 6.X
- XVID
- MPEG-1/H.261/H.263
- AVS decode
 - With support for AVS1-P2 Jizhun Profile @ Level 6.0
- MPEG still picture decode
- MVC
- VP9 (for YouTube)



VIDEO OUTPUTS

- NTSC-M, NTSC-J, PAL-BDGHIN, PAL-M, PAL-Nc, SECAM analog outputs
- 480i/480p/576i/576p/720p/1080i/1080p/4K-2KP60 output formats
- Component RGB or YPbPr output
- DCS support
- Rovi 7.1 support
- HDMI 2.0 with 3D format support



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TECHNICAL SPECIFICATIONS

AUDIO FORMATS

- AAC LC, AAC LC+SBR Level 2, AAC HE Level 2, AAC HE Level 4
- AC4
- Dolby Digital, Dolby Digital Plus
- MPEG I Layer 1, 2
- MPEG I Layer 3 (MP3) encode/decode
- Windows® Media Audio (WMA)
- WMA pro
- AAC HE 5.1 decode plus DTS 5.1 encode SPDIF output
- AAC HE 5.1 decode plus AC3 5.1 encode SPDIF output

FRONT & SIDE PANELS

- Illuminated standby indicator (on/standby)
- IR Receiver
- Reset to factory

BACK PANEL (CONNECTORS)

- Optical digital audio
- Mini DIN connector for composite video & stereo audio fan-out cable (included)
- HDMI 2.0
- USB 3.0 Host Type A
- IR Extender Port
- RJ-45 10/100 Base-T Ethernet with integrated status LEDs
- DC Power

NETWORKING OPTIONS

- Quantenna Wireless 802.11ac (5.4 GHz) 4x4 Wi-Fi
- Real-time Digital Transmit Beam Forming (MIMO)
- Baseband 4T4R, up to 4 spatial streams
- Client-to-client direct connection (TDLS)
- Digital beam forming for up to 4.5db gain
- Standards: 802.11ac, 802.11a, 802.11h, 802.11n, 802.11e, 802.11i
- Wi-Fi Compliant: WMM, WMM-PS, WPA, WPA2, WPS
- Encryption: AES, TKIP, WEP64/128
- RF: 4.9GHz - 5.85GHz
- Modulations: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM
- FEC: 1/2, 2/3, 3/4, 5/6
- Max PHY Rate: 1.7 Gbps
- MoCA 2.0
- Bluetooth/BLE 4.0

CPU MEMORY

- Broadcom BCM7251S
- 12K DMIPS, dual-core ARM-v7 CPU
- 1GB DDR3-1866
- 8gb eMMC Flash



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TECHNICAL SPECIFICATIONS

SECURITY

- AES, 1DES, 3DES, CPRM, CPPM, CSS, and DTCP copy protection algorithms and standards
- VB, ARIB, and DC2-compliant transport demux with 1DES, 3DES, DVB, Multi2, and AES descramblers

MECHANICAL

- 1.4 w x 8.7 x 6.7 in. (H x W x D)
- 40-95°F (5-35°C)
- 30-95% relative humidity

ENERGY MANAGEMENT

- Power 7W maximum of 90-264VAC, 48-63Hz
- Compliant with European Union's Energy using products directive for standby regulation

TYPE APPROVALS

- FCC Part 15, CEA-60065