

- 2D/3D-accelerators, support for OpenGL 3.2
- OS Android 11
- App store
- Support for widely used Middleware
- Android API, SDK
- Support for H.265 HEVC MP-10@L5.1 to 4K×2K@60fps
- Support for H.264 AVC HP@L5.1 to 4K×2K@30fps
- Wi-Fi 802.11a/b/g/n/ac MIMO 1x1¹
- HDMI 2.1



NV-731 series Smart TV set-top boxes based on Android ensure a new level of service delivery.

NV-731 is an excellent way to promote digital television services and to attract new customers.

Android platform

Android enables a universal platform with access to different services, including AndroidTV interface.

Customized app store creation

The open platform and development kit (SDK, API) allow service providers to manage access to services and create new ones.

Up-to-date Wi-Fi technologies¹

NV-731-WB supports up-to-date 802.11a/b/g/n/ac Wi-Fi standards. The device implements stable real-time traffic transmission.

Peer-to-Peer TV

NV-731 series devices support real-time playback of media files via DC++ protocol without connecting to a PC or files preloading to local disk. Background file downloading, creation of download queue with automatic playback and illustrated catalog organization are available with NV-731 series set-top boxes.

Basic services

- HD/UHD IPTV
- OTT
- VoD
- Media player (files playback from external storage or local network)
- Electronic program guide (EPG)
- Support for cloud services
- Online sources: YouTube, Internet radio, etc.
- Provider's app store
- Support for HLS
- Peer-to-Peer TV (streaming via DC++)

¹ Supported only by NV-731-WB.

Features and capabilities

Hardware capabilities

- 16560 DMIPS
- 1 GB RAM
- 8 GB Flash
- 2D/3D-accelerators, OpenGL
- OS Android 11
- Support for H.265 HEVC MP-10@L5.1 to 4K×2K@60fps
- Support for H.264 AVC HP@L5.1 to 4K×2K@30fps
- HDR

General features

- Support for HLS
- Support for CAS, DRM
- Support for UHD 4K, FHD 1080p/i, HD 720p/i
- Multilingual interface
- Keyboard and mouse connection support
- Management and voice search:
 - IR remote control
 - Bluetooth remote control (optional)¹
 - Software remote control — Android app

Interfaces

- 1 × LAN 10/100
- 2 × USB 2.0
- HDMI 2.1
- AV output
- MicroSD

Video

- Resolution: UHD 2160p, FHD 1080p, HD 720p
- Supported formats: MPEG1, MPEG(+HD), MPEG4(+HD), XviD, DivX, H.264, AVCHD, Vc1, H.265

Audio

- 44.1, 48, 96 kHz

Network

- Supported protocols: IP, HTTP, DHCP, NTP, IGMP (multicast), ICMP, UDP, RTP, RTSP, DLNA, SAMBA, HLS

Services

- Customized app store, Android applications, Google Play
- Firmware update via a customized app store
- Support for local update
- Interface and settings customization

Wi-Fi network¹

- Dual-band Wi-Fi IEEE 802.11a/b/g/n/ac, 2.4/5 GHz
- Built-in antenna

Bluetooth support¹

- Management
- Voice search

Physical specifications

- Dimensions (W × H × D): 100 × 22 × 84 mm
- Desktop case
- Case material: IR transparent plastic

Power supply

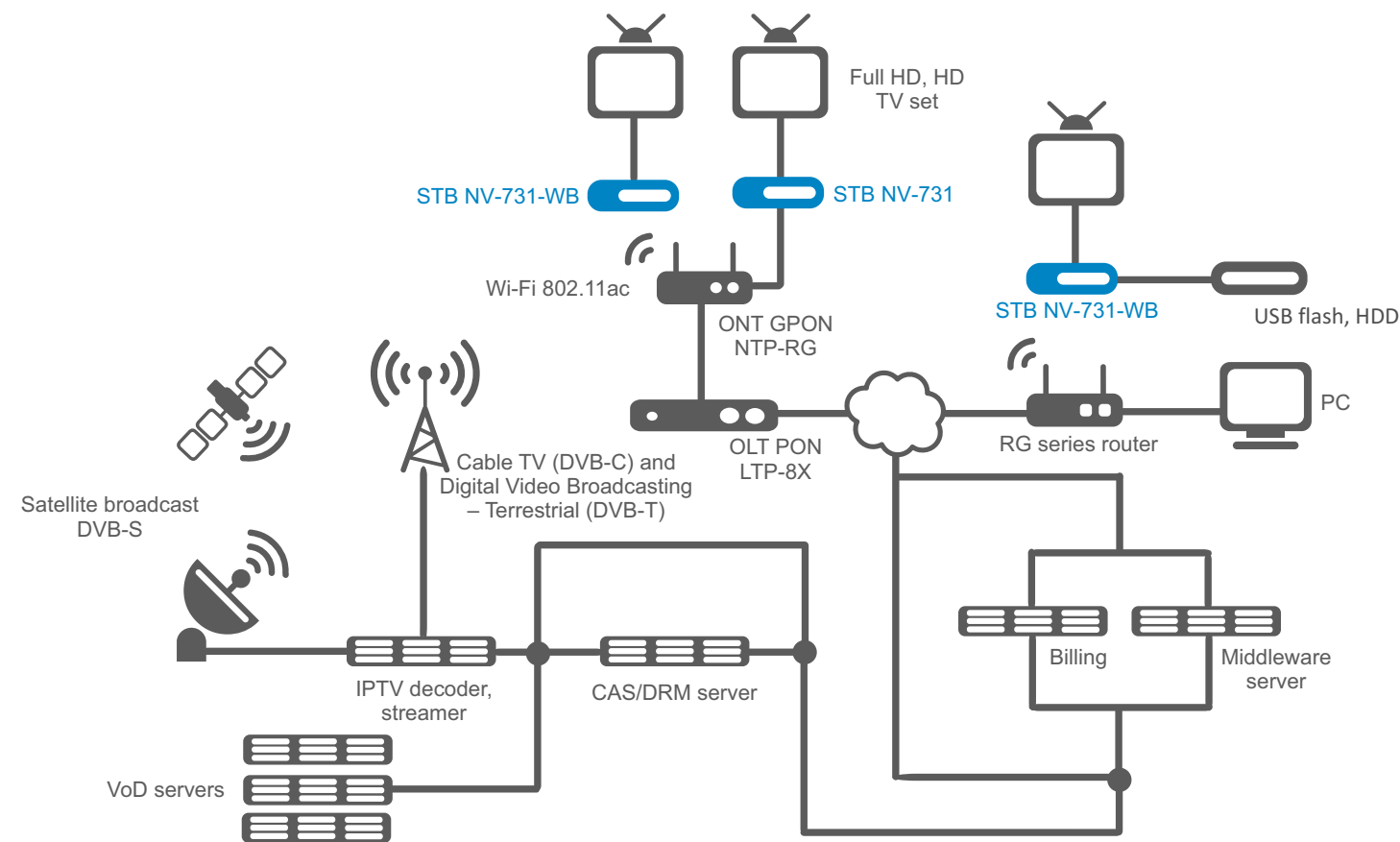
- Power adapter: 5.3 V / 2 A

Delivery package

- Smart TV set-top box
- Power adapter
- IR remote control
- Batteries for IR remote control — 2 pcs.
- Bluetooth remote control (optional)¹
- HDMI cable
- Installation and initial configuration guide

¹ Supported only by NV-731-WB.

Use case



Ordering information


Name	Description
NV-731	Smart TV STB, 1 GB RAM, Android 11, 1 × LAN 10/100, 2 × USB 2.0, MicroSD, HDMI 2.1
NV-731-WB	Smart TV STB, 1 GB RAM, Android 11, 1 × LAN 10/100, 2 × USB 2.0, MicroSD, HDMI 2.1, Wi-Fi 802.11a/b/g/n/ac MIMO 1×1, Bluetooth

Relating products	
IR remote control	Programmable remote control for TV and Set-Top Box
Bluetooth remote control ¹	Bluetooth remote control with TV set management functions

¹ Supported only by NV-731-WB.

Contact us

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Eltex Enterprise is a leading Russian developer and manufacturer of communications equipment with 30 years of history. Complete solutions and their seamless integrability into Customer's infrastructure are the priority growth areas of the company.