

- 2D/3D-accelerators, support for OpenGL 3.2
- OS Android 11
- App store
- Support for widely used Middleware
- Android API, SDK
- H.265
- 4Kp60 decoding
- Wi-Fi 802.11a/b/g/n/ac MIMO 1x1<sup>1</sup>
- HDMI 2.1



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

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

#### Android platform

Android enables creating a single 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 technologies<sup>1</sup>

NV-731-WB supports up-to-date Wi-Fi standards: 802.11a/b/g/n/ac. 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 loading of files, load queue creation and organization of an illustrated page (catalogue) for media content 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++)

<sup>1</sup> 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
- 4Kp60 decoding
- 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 (optionally)<sup>1</sup>
  - 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 wireless connection<sup>1</sup>

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

### Bluetooth support<sup>1</sup>

- 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

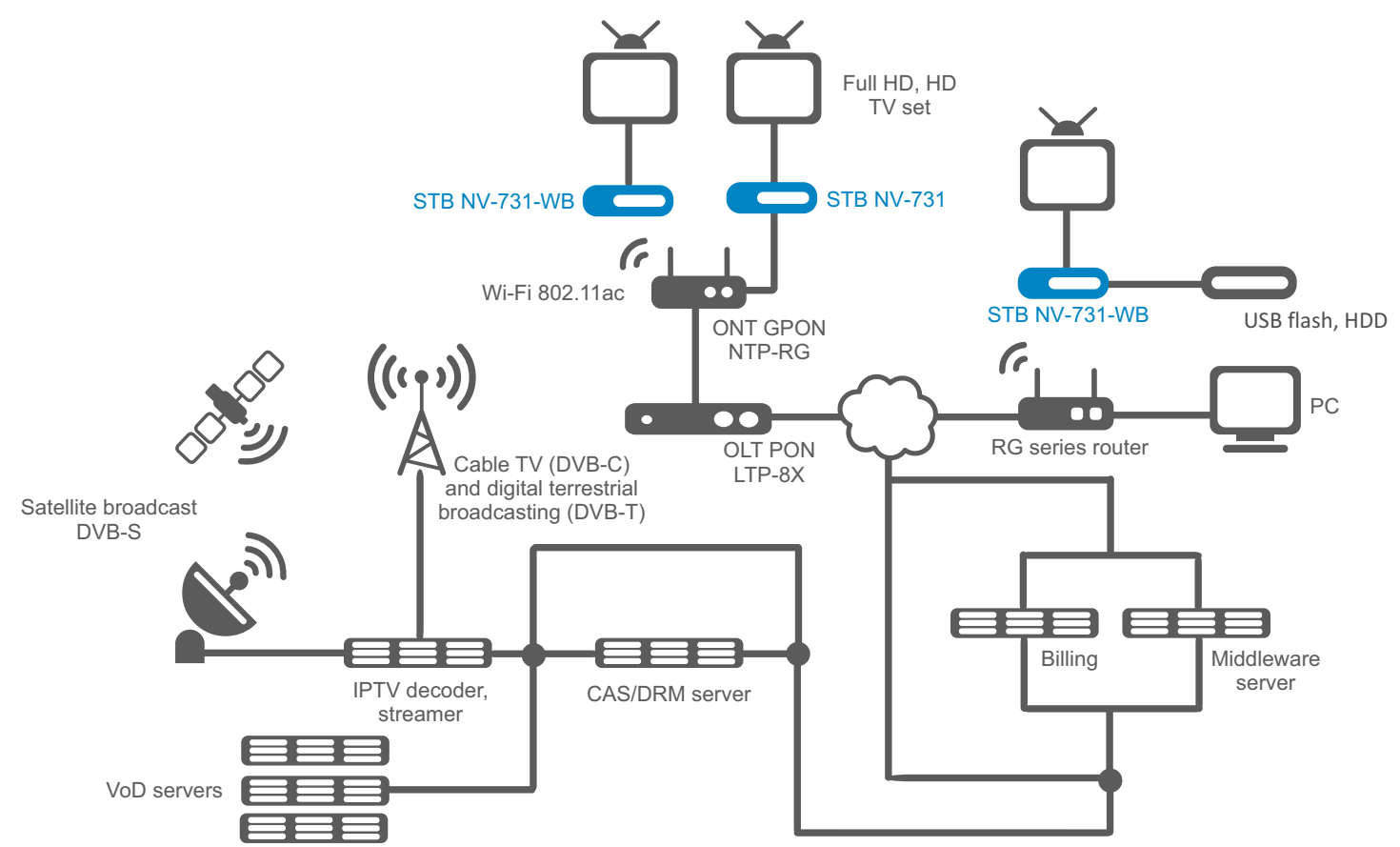
### Delivery package

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

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<sup>1</sup> Supported only by NV-731-WB

Use case



Ordering information

Name	Description
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**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<sup>1</sup>**

Bluetooth remote control with TV set management functions

<sup>1</sup> 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.