

Processor :

NVIDIA® Tegra® X1 processor with a 256-core GPU and 3 GB RAM

Video Features :

4K HDR ready

Up to 4K HDR playback at 60 FPS (H.265/HEVC)

Up to 4K playback at 60 FPS (VP8, VP9, H.264, MPEG1/2)

Up to 1080p playback at 60 FPS (H.263, MJPEG, MPEG4, WMV9/VC1)

Format/Container support: Xvid/ DivX/ASF/AVI/MKV/MOV/M2TS/MPEG-TS/MP4/WEB-M

Audio

Dolby Atmos and DTS-X surround sound pass through over HDMI

High-resolution audio playback up to 24-bit/192 kHz over HDMI and USB

High-resolution audio up-sample to 24-bit/192 kHz over USB

Audio support: AAC, AAC+, eAAC+, MP3, WAVE, AMR, OGG Vorbis, FLAC, PCM, WMA, WMA-Pro, WMA-Lossless, DD+/DTS (pass-through), Dolby Atmos and Dolby TrueHD (pass-through), DTS-X and DTS-HD (pass-through)

Storage:

16 GB (Note: portion of storage occupied by system software).

NVIDIA recommends [these USB 3.0 flash drives](#) for best performance and compatibility on SHIELD TV:

Wireless:

802.11ac 2x2 MIMO 2.4 GHz and 5 GHz Wi-Fi

Bluetooth 4.1/BLE

Captive Portal support

Interfaces

Gigabit Ethernet

HDMI 2.0b with HDCP 2.2 and CEC support

Two USB 3.0 (Type A)

Weight & Size:

Weight: 8.8 oz / 250 g

Height: 3.858 in / 9.800 cm

Width: 6.26 in / 15.900 cm

Depth: 1.02 in / 2.593 cm

Operating System:

Android 7.0 (Nougat) powered by Android TV™ and Google Cast™ (Chromecast built-in)
Software Updates
SHIELD software upgrades directly from NVIDIA

Power:

40 W power adapter (5-10 W typical consumption)

Gaming Features

NVIDIA GeForce NOW™ game streaming service
NVIDIA GameStream™
NVIDIA Share