

# SHIELD TV Product Specs



## Weight & Size

### SHIELD

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

### Controller

Weight: 9.1 oz / 258 g  
Height: 4.665 in / 11.850 cm  
Width: 5.866 in / 14.900 cm  
Depth: 2.214 in / 5.623 cm

### Remote

Weight: 1.74 oz / 49.5 g  
Height: 5.67 in / 14.396 cm  
Width: 1.42 in / 3.616 cm  
Depth: .362 in / .921 cm

## Video



## 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



## Pass-through

Dolby Atmos (pass-through) 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 (pass-through), Dolby TrueHD (pass-through), DTS-X, and DTS-HD (pass-through)

## Processor



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

## Operating System



Android 8.0 (Oreo) powered by Android TV™ and Chromecast™ built in

## Storage

SHIELD

16 GB \* (expandable via USB\*\*)

SHIELD can also connect to Network Addressable Storage (NAS) including PCs

\*Portion of storage occupied by system software

\*\*NVIDIA recommends [these](#) USB 3.0 flash drives for best performance and compatibility

## Voice Assistants

### Built in

The Google Assistant

### Connected Living Room

Google Home compatible (The Google Assistant)

Amazon Echo compatible (Works with Alexa)

## PLEX MEDIA SERVER



Watch live TV with time shift controls\*

Record your favorite free HDTV digital broadcast channels without commercials

Store your personal movies, music, pictures and more, accessible anywhere with an internet connection, on virtually any device\*

\* Requires tuner hardware and Plex Pass subscription

## Wireless

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

Bluetooth 4.1/BLE

Captive Portal support\*

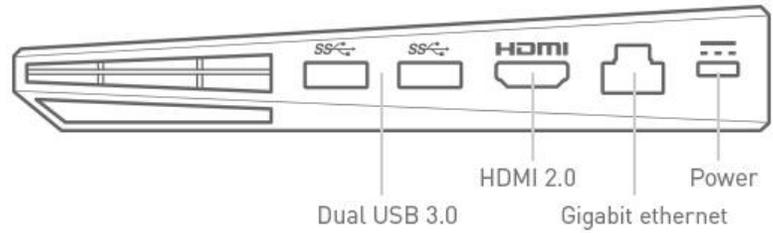
\* Requires SHIELD controller

## Interface

Gigabit Ethernet

HDMI 2.0b with HDCP 2.2 and CEC support

Two USB 3.0 (Type A)

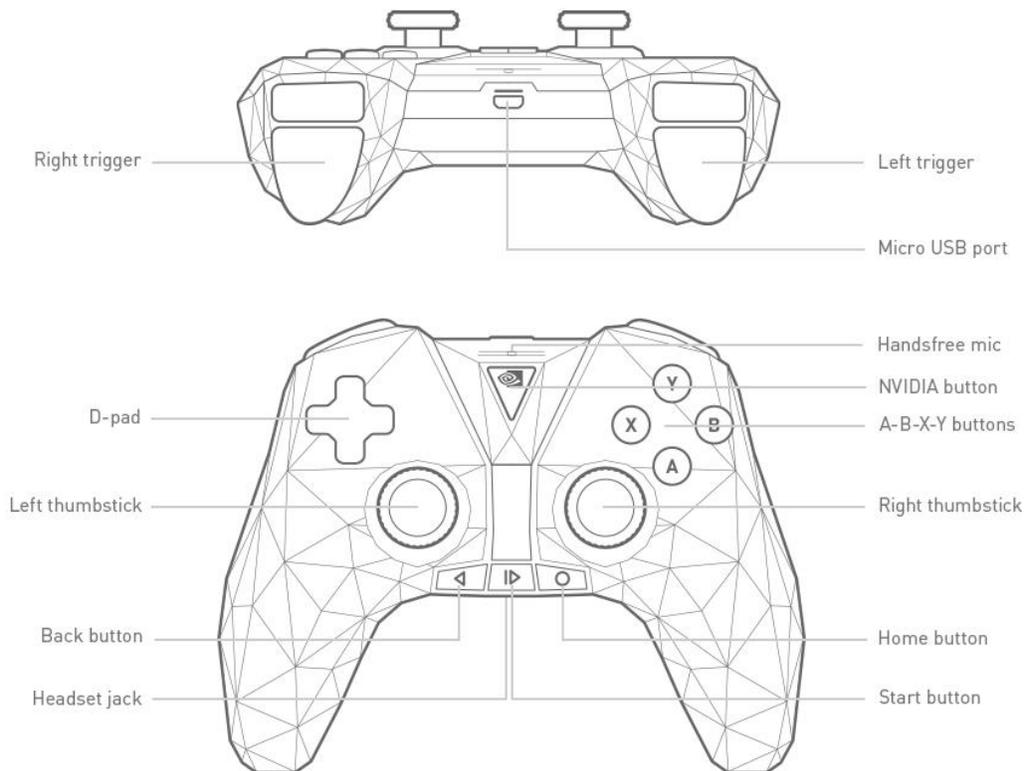


Power

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

Controller

- Hands-free Mic for Google Assistant
- USB Charging cable
- Headset jack for private listening
- Dual vibration feedback
- 60+ hour gaming battery life



## Remote

Bluetooth connectivity

IR blaster to control TV, soundbar, or receiver volume and power

Mic for voice search

Replaceable coin cell batteries

