

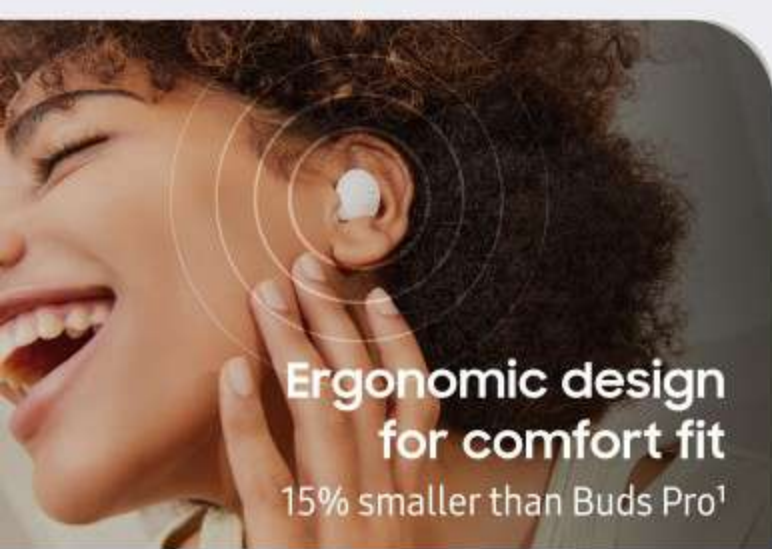
Product Specifications

Galaxy Buds2 Pro



Earbuds

Width: 19.9mm
Depth: 18.7mm
Height: 21.6mm
Weight: 5.5g



Ergonomic design for comfort fit
15% smaller than Buds Pro¹

Intelligent ANC²

Before activation	After activation
ANC ON	ANC Off
Ambient Off	Ambient ON
Volume high	Volume low



Theater-like sound featuring 360 Audio³ with Direct Multi-Channel⁴



Total up to 29 hours Play Time⁵ (Buds/Total)
5/18Hr (ANC On)
8/29Hr (ANC Off)

Colors⁸



End-to-end 24bit Hi-Fi audio⁶ for Wireless listening

256x more sound data⁷ vs. 16bit



ANC & Ambient Sound
ANC+3 High SNR Microphone (2 outer + 1 inner)⁹
Ambient Sound
Voice Detect¹⁰



Battery

Play Time⁵ (Buds/Total)
5/18Hr (ANC On)
8/29Hr (ANC Off)

Talk Time¹¹ (Buds/Total)
3.5/14Hr (ANC On)
4/15Hr (ANC Off)



Speaker
Custom Coaxial 2-way (Tweeter + Woofer)



Connectivity
Bluetooth[®] 5.3¹², Auto Switch¹³
Codec: Samsung Seamless Codec HiFi (Samsung Proprietary) AAC, SBC



Dimensions & Weight
Earbuds: 19.9 x 21.6 x 18.7mm, 5.5g
Charging Case: 50.1 x 50.2 x 27.7mm, 43.4g



Charging¹⁴
1-hour play time
5-minute quick charging
Qi-certified wireless charging



Capacity¹⁵
Earbuds: 61mAh (typical)
Charging Case: 515mAh (typical)



Sensor
Accelerometer, Gyro, Proximity, Hall, Touch, Voice Pickup Unit (VPU)



Compatibility¹⁶
Android 8.0 or higher with more than 1.5GB of RAM



Water Resistance¹⁷
IPX7

SAMSUNG

1. 15% size reduction is compared to the Galaxy Buds Pro based on size volume. 2. Cancellation performance has improved 40% compared to Galaxy Buds Pro (50-1kHz average). Requires Voice Detect function to be turned on under settings on the Galaxy Wearable application. 3. Available only on Samsung Galaxy smartphones and tablets with Android One UI version 3.1 or later. 360 Audio and Head Tracking support may vary depending on the application and content. 4. Direct Multi-channel is supported with Android One UI version 4.1.1 or later. 5. 'Play time' refers to when the Galaxy Buds2 Pro are connected to the phone, streaming music. Play time may vary based on settings. Earbuds provide up to 5hrs of play time with ANC on, while the case provides up to 18hrs of battery life when the case and earbuds are charged to 100%. Based on internal testing. Audio playback time tested by pairing a pre-production Galaxy Buds2 Pro to a recently released Galaxy smartphone with default settings including ANC on. Actual battery life may vary and depend on usage conditions, settings, number of times charged, Bluetooth signal strength, and other factors. 'Default setting' refers to the original setting for the Galaxy Buds2 Pro when it was first released, simply with the power turned on. 6. Samsung Galaxy device with One UI version 4.0 or higher is required. 24-bit audio support may vary depending on the application. 7. Compared to Buds Pro. 8. Available colors may vary by market, carrier or retailer. 9. With 3 high SNR (Signal to Noise Ratio) microphones, Galaxy Buds2 Pro can eliminate small noises by capturing lower level sounds. 10. Galaxy Buds2 Pro can distinguish between noise and human voices. When you speak, it switches temporarily to Ambient mode and reduces media volume so that you can hear conversations without taking out your earbuds. 11. Earbuds provide up to 3.5hrs voice call time with ANC on up to 4hrs with ANC off, while the case provides up to 14hrs of battery life (up to 15hrs with ANC off) when the case and earbuds are charged to 100%. Based on internal testing. Voice call time tested by pairing pre-production Galaxy Buds2 Pro to a recently released Galaxy smartphone with default settings including ANC on. Actual battery life may vary and depend on usage conditions, settings, number of times charged, Bluetooth signal strength, and other factors. 'Default setting' refers to the original setting for the Galaxy Buds2 Pro when it was first released, simply with the power turned on. 12. Some devices, especially those that are not tested or approved by the Bluetooth SIG, may be incompatible with the earbuds. 13. Auto Switch feature only available on Samsung Galaxy smartphones and tablets with One UI 4.1 or later and Galaxy Watch4 series or later. Samsung Galaxy devices must be logged in to Samsung Account to enable Auto Switch feature. Auto Switch feature for Samsung TV is only available on Samsung TVs launched Feb '22 or later after getting a firmware update from Jul '22. Auto Switch with TV is only available for making and receiving phone calls. 14. Charging time is based on the battery of earbuds being less than 30 percent when they start to charge. Actual charging time may vary and depend on factors such as usage condition and number of times charged. 15. The typical capacity has been tested under third party laboratory conditions. The typical capacity is the estimated average capacity considering the deviation in battery capacity among the battery samples tested under the IEC 61960-3 standard. The rated capacity is 58mAh (earbuds), 500mAh (charging case). Actual battery life may vary depending on the network environment, usage patterns, and other factors. 16. Some features may not be available on non-Samsung devices. Availability may vary by market, operator or connected device. 17. IPX7 is based on laboratory test conditions for submersion in up to 1 meter of fresh water for up to 30 minutes. Not advised for beach or pool use. Charging case is not water resistant. If the earbuds are damaged, they are not guaranteed to be water resistant. If the earbuds or your hands are wet, they must be dried thoroughly prior to handling or placing into the charging case. If placed into the charging case without drying, the earbuds may be damaged.

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