Neter AirPods Full Comparison - Last Update: March 26, 2024

	AirPods 2nd Generation		AirPods 3rd Generation		AirPods Pro 2nd Generation	
Neter Model	Neter A2U	Neter A2E	Neter A3U	Neter A3E	Neter AP2F	Neter AP2AE
Main Control Chip	Airoha 1562U	Airoha 1562E	Airoha 1562U	Airoha 1562E	Airoha 1562F	Airoha 1562AE
Master Control Scheme	Tiger Mainboard	Tiger Mainboard	Tiger Mainboard	Tiger Mainboard	Tiger Mainboard	Tiger Mainboard
Case Factory	HZ Case	HZ Case	HZ Case	HZ Case	HZ Case	HZ Case
Assembly Factory	SL Manufacture	SL Manufacture	SL Manufacture	SL Manufacture	SL Manufacture	SL Manufacture
Bluetooth Name	cc pro	cc ultra	cc pro	cc ultra	cc pro	cc ultra
Key Point	Quality Stability Long Life Battery CloudCC OTA Upgrade	Quality Stability Automatic Switching ENC Call Noise Cancellation Long Life Battery CloudCC OTA Upgrade	Quality Stability Long Life Battery CloudCC OTA Upgrade	Quality Stability STMicroelectronics Gyroscope Personalized Spatial Audio with Dynamic Head Tracking Automatic Switching Long Life Battery CloudCC OTA Upgrade	Quality Stability Touch Control MagSafe Charging Case with Speaker and Lanyard Loop Active Noise Cancellation Long Life Battery CloudCC OTA Upgrade	Quality Stability Touch Control MagSafe Charging Case with Speaker and Lanyard Loop Active Noise Cancellation Automatic Switching Personalized Spatial Audio with Dynamic Head Tracking Long Life Battery CloudCC OTA Upgrade
Support Software	CloudCC, FlyCC, MMI_UT	CloudCC, FlyCC, MMI_UT	CloudCC, FlyCC, MMI_UT	CloudCC, FlyCC, MMI_UT	CloudCC, FlyCC, MMI_UT	CloudCC, FlyCC, MMI_UT
Active Noise Cancellation	—	—	—	—	Yes	Yes
Depth of Noise Cancellation	—	—	—	—	25DB	45DB
Transparency Mode	—	—	—	—	Yes	Yes
Spatial Audio	—	—	Analog Spatial Audio	Personalized Spatial Audio with Dynamic Head Tracking	Analog Spatial Audio	Personalized Spatial Audio with Dynamic Head Tracking
Speaker	14.2mm Titanium Film	14.2mm Titanium Film	13mm Titanium Film	13mm Titanium Film	10mm Titanium Film	10mm Titanium Film
Microphone	Goermicro	Goermicro	Goermicro	Goermicro	Goermicro	Goermicro
SMT Machine	Yamaha	Yamaha	Yamaha	Yamaha	Yamaha	Yamaha
Charge Management IC	ETA Semiconductor	ETA Semiconductor	ETA Semiconductor	ETA Semiconductor	ETA Semiconductor	ETA Semiconductor
Automatic Switching	—	Yes	—	Yes	—	Yes
Manner of Wearing	Half in Ear	Half in Ear	Half in Ear	Half in Ear	In Ear	In Ear
Battery Material	Steel Button	Steel Button	Steel Button 1045	Steel Button 1045	Steel Button 1054	Steel Button 1054
Battery Life	6-8 hrs	6-8 hrs	6-8 hrs	6-8 hrs	6-10 hrs	6-10 hrs
Audio Sharing	Yes	Yes	Yes	Yes	Yes	Yes
Connectivity	Bluetooth 5.3	Bluetooth 5.3	Bluetooth 5.3	Bluetooth 5.3	Bluetooth 5.3	Bluetooth 5.3
Voice Quality	Good	Excellent	Good	Excellent	Good	Excellent
Delay	Good	Excellent	Good	Excellent	Good	Excellent
Ear Detection	Optical Sensing Ear Detection	Optical Sensing Ear Detection	Optical Sensing Ear Detection	Optical Sensing Ear Detection	Optical Sensing Ear Detection	Optical Sensing Ear Detection
Three Battery Status	Yes	Yes	Yes	Yes	Yes	Yes
Sensors	Double-tap	Double-tap	Force Sensor	Force Sensor	Touch Control	Touch Control
Swipe to Adjust Volume	—	—	—	—	Yes	Yes
Case with Speaker	—	—	—	—	Yes	Yes
Widget Screen Battery Status	Yes	Yes	Yes	Yes	Yes	Yes
Lightning Charging Case	Yes	Yes	Yes	Yes	Yes	Yes
Rename & Location	Yes	Yes	Yes	Yes	Yes	Yes
Case Battery Capacity	300mAh	300mAh	460mAh	460mAh	500mAh	500mAh
Earbud Battery Capacity	35mAh	35mAh	40mAh	40mAh	45mAh	45mAh
Support Firmware Update	Yes	Yes	Yes	Yes	Yes	Yes