



Pixel Watch 3
Technical Specifications
2024

Google Pixel Watch 3 (45mm) Tech Specs

Spec Category	
Colors¹	<ul style="list-style-type: none">• Matte Black Aluminum case / Obsidian Active Band• Polished Silver Aluminum case / Porcelain Active Band• Matte Hazel Aluminum case / Hazel Active Band
Materials and Finishes	<ul style="list-style-type: none">• Housing: 100% recycled aluminum²• Active Band: Fluoroelastomer with soft-touch coating
Dimensions and Weight	<ul style="list-style-type: none">• Diameter: 45 mm• Height: 12.3 mm• 37 g (without band)
Display	<ul style="list-style-type: none">• Actual display• Custom 3D Corning® Gorilla® Glass 5• 320 ppi AMOLED LTPO display with DCI-P3 color• Up to 2000 nits (peak brightness)• 1 nit minimum brightness• Responsive Display (1–60 Hz)⁶• Always-on display
Connectivity	<ul style="list-style-type: none">• 4G LTE and UMTS³• Bluetooth® 5.3• Wi-Fi 802.11 b/g/n 2.4GHz, 5GHz• NFC• Ultra-Wideband⁴
GPS	<ul style="list-style-type: none">• US: GPS, Galileo, Glonass• ROW: GPS, Galileo, Glonass, Beidou, QZSS, Navic
Compatibility	Works with most phones running on Android 10.0 or newer ⁵ Requires Google Account and Google Pixel Watch app. For more help or information on compatibility visit g.co/pixelwatch/setup .

Band Size	<p>Active Band: Small and large band sizes included</p> <ul style="list-style-type: none"> • Small fits wrists 150-185 mm around • Large fits wrists 165-215 mm around
Power (Battery and Charging)	<ul style="list-style-type: none"> • 420 mAh (typical) • Built-in rechargeable lithium-ion battery • Up to 24 hours with always-on display⁷ • Up to 36 hours with Battery Saver mode⁷ • USB-C® Fast Charging Cable • Charging speed: <ul style="list-style-type: none"> ○ About 28 minutes to 50%⁸ ○ About 50 minutes to 80%⁸ ○ About 80 minutes to 100%⁸
Chip	<ul style="list-style-type: none"> • Qualcomm SW5100 • Cortex M33 co-processor
OS	<ul style="list-style-type: none"> • Wear OS 5.0
Storage and Memory	<ul style="list-style-type: none"> • 32 GB eMMC flash⁹ • 2 GB SDRAM
Sensors	<ul style="list-style-type: none"> • Compass • Altimeter • Red and infrared sensors for oxygen saturation (SpO2) monitoring¹⁰ • Multipurpose electrical sensors compatible with ECG app¹¹ • Multi-path optical heart rate sensor¹² • 3-axis accelerometer • Gyroscope • Ambient light sensor • Electrical sensor to measure skin conductance (cEDA) for body response tracking¹³ • Skin temperature sensor¹⁴ • Barometer • Magnetometer
Interaction	<ul style="list-style-type: none"> • Side button • Haptic crown • Premium haptics
Audio	<ul style="list-style-type: none"> • Built-in microphone • Built-in speaker
Durability and Water Resistance	<ul style="list-style-type: none"> • Custom 3D Corning® Gorilla® Glass 5 • 5 ATM¹⁵ • IP68¹⁵
What's in the Box	<ul style="list-style-type: none"> • Google Pixel Watch 3 (45mm) • Active Band (small and large wristbands) • USB-C® Fast Charging Cable • Quick Start Guide

Warranty	<ul style="list-style-type: none"> ● US, CA, JP, India, Singapore, Taiwan, and Malaysia <ul style="list-style-type: none"> ○ 1 year ● UK, EEA, France, Switzerland and Australia <ul style="list-style-type: none"> ○ 2 years
Sustainability	Materials <ul style="list-style-type: none"> ● Made with recycled plastic, metal, glass, tin, and rare earth elements¹⁶ ● Housing is made with 100% recycled aluminum² ● Magnets in the Google Pixel Watch 3 use 100% recycled rare earth elements¹⁷ ● Google Pixel Watch 3 uses 100% recycled tin in the solder of all rigid and flexible printed circuit boards, including the main logic board¹⁸ ● Packaging for the Google Pixel Watch 3 uses 100% plastic-free materials¹⁹
	<p>1 Colors may vary and change over time with use. Not all colors available in all regions.</p> <p>2 Recycled aluminum is at least 4% of product based on weight.</p> <p>3 Requires 4G LTE wireless service plan (sold separately) to use cellular functionality. Compatible cellular service and roaming may not be available on all carrier networks or in all areas. Google Pixel Watch and Android companion devices must use the same carrier network. Contact carrier for details about current restrictions, network performance, compatibility, and availability. Watch connects to compatible 4G LTE networks but 4G LTE service, speed and performance depend on many factors including, but not limited to, carrier network capabilities, device configuration and capabilities, network traffic, location, signal strength and signal obstruction. Actual results may vary.</p> <p>4 Requires compatible device. Accuracy dependent upon distance, orientation, signal obstruction and other factors.</p> <p>5 Google Pixel Watch is not compatible with Android (Go edition). See g.co/pixelwatch/specs for technical and device specifications details.</p> <p>6 Not available for all apps or content.</p> <p>7 Maximum battery life is approximate and is based on testing conducted in California in 2024 on pre-production hardware and software, using default settings with a median Pixel user battery usage profile across a mix of talk, data, standby, and use of other features, or for “up to 36 hours”, the use of features that are default in Battery Saver mode. Battery life depends on features enabled, usage, environment and many other factors. Use of certain features will decrease battery life. Actual battery life may be lower.</p> <p>8 Based on use of in-box USB-C® Fast Charging Cable with 30W adapter (sold separately) plugged into a wall outlet. Actual results may be slower. Charging speed based on testing with fully drained device batteries. Charging testing in 2024 on pre-production hardware and software using default settings with the device powered on. Charging speed depends upon many factors including battery age and ambient temperature.</p> <p>9 Storage specifications refer to capacity before formatting. Actual formatted capacity will be less.</p> <p>10 Not available in all countries. Blood oxygen measurements, when available and enabled, are intended for general fitness and wellness purposes and are not intended to diagnose or treat any medical condition or for any other medical use, including self-diagnosis or consultation with a doctor. Please consult your doctor before beginning or modifying any exercise regimen or making health-related decisions. Use of the blood oxygen sensors may decrease battery life.</p> <p>11 The ECG app is only available in select countries. Not intended for use by people under 22 years old. See fitbit.com/ecg for additional details.</p> <p>12 Like all heart rate tracking technologies, accuracy is affected by physiology, location of device, and your movements and activity. Some uses may require the Fitbit mobile app.</p> <p>13 Some uses may require the Fitbit mobile app. Use of the cEDA sensor may decrease battery life.</p> <p>14 Not available in all countries. Significant changes in ambient temperature may negatively impact skin temperature tracking.</p> <p>15 Google Pixel Watch is designed to comply with a water protection rating of 5 ATM under ISO standard 22810:2010 and with a dust and water protection rating IP68 under IEC standard 60529 when each device leaves the factory, but it is not waterproof or dust proof. Water resistance and dust</p>

resistance are not permanent conditions, and will diminish or be lost over time due to normal wear and tear, device repair, disassembly or damage. Google Pixel Watch is not drop/impact proof and dropping your device may result in loss of water and dust resistance. Damage from drops, impacts, and other external forces are not covered under warranty. Google Pixel Watch is designed to be used in shallow water and should not be used for activities involving water at high velocity or high temperature. Some Google Pixel Watch bands are not water-resistant. See g.co/pixelwatch/water for details. After any exposure to liquid, we recommend drying the watch and band because, as with any wearable device, it's best for your skin if the band is clean and dry.

16 These recycled materials are at least 8% of product based on weight.

17 Docking, speaker, and haptic magnets contain 100% recycled rare earth elements, but the majority of the magnet weight consists of other materials.

18 Solder paste is made with multiple materials and contains at least 80% tin. The tin in the solder paste is made with 100% recycled content.

19 Based on retail packaging (excluding adhesive materials) as shipped by Google. To meet the request of some clients, plastic stickers are applied to some packaging variations.

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Google Pixel Watch 3 (41mm) Tech Specs

Spec Category	
Colors¹	<ul style="list-style-type: none"> • Matte Black Aluminum case / Obsidian Active Band • Polished Silver Aluminum case / Porcelain Active Band • Champagne Gold Aluminum Case / Hazel Active Band • Polished Silver Aluminum case / Rose Quartz Active Band
Materials and Finishes	<ul style="list-style-type: none"> • Housing: 100% recycled aluminum² • Active Band: Fluoroelastomer with soft-touch coating
Dimensions and Weight	<ul style="list-style-type: none"> • Diameter: 41 mm • Height: 12.3 mm • 31 g (without band)

Display	<ul style="list-style-type: none"> • Actua display • Custom 3D Corning® Gorilla® Glass 5 • 320 ppi AMOLED LTPO display with DCI-P3 color • Up to 2000 nits (peak brightness) • 1 nit minimum brightness (AOD) • Responsive Display (1–60 Hz)⁶ • Always-on display
Connectivity	<ul style="list-style-type: none"> • 4G LTE and UMTS³ • Bluetooth® 5.3 • Wi-Fi 802.11 b/g/n 2.4GHz, 5GHz • NFC • Ultra-Wideband⁴
GPS	<ul style="list-style-type: none"> • US: GPS, Galileo, Glonass • ROW: GPS, Galileo, Glonass, Beidou, QZSS, Navic
Compatibility	<p>Works with most phones running on Android 10.0 or newer⁵</p> <p>Requires Google Account and Google Pixel Watch app. For more help or information on compatibility visit g.co/pixelwatch/setup.</p>
Band Size	<ul style="list-style-type: none"> • Active Band: Small and large band sizes included <ul style="list-style-type: none"> ○ Small fits wrists 130-175 mm around ○ Large fits wrists 165-210 mm around
Power (Battery and Charging)	<ul style="list-style-type: none"> • 306 mAh (typical) • Built-in rechargeable lithium-ion battery • Up to 24 hours with always-on display⁷ • Up to 36 hours with Battery Saver mode⁷ • USB-C® Fast Charging Cable • Charging speed: <ul style="list-style-type: none"> ○ About 24 minutes to 50%⁸ ○ About 35 minutes to 80%⁸ ○ About 60 minutes to 100%⁸
Chip	<ul style="list-style-type: none"> • Qualcomm SW5100 • Cortex M33 co-processor
OS	<ul style="list-style-type: none"> • Wear OS 5.0
Storage and Memory	<ul style="list-style-type: none"> • 32 GB eMMC flash⁹ • 2 GB SDRAM

Sensors	<ul style="list-style-type: none"> • Compass • Altimeter • Red and infrared sensors for oxygen saturation (SpO2) monitoring¹⁰ • Multipurpose electrical sensors compatible with ECG app¹¹ • Multi-path optical heart rate sensor¹² • 3-axis accelerometer • Gyroscope • Ambient light sensor • Electrical sensor to measure skin conductance (cEDA) for body response tracking¹³ • Skin temperature sensor¹⁴ • Barometer • Magnetometer
Interaction	<ul style="list-style-type: none"> • Side button • Haptic crown • Premium haptics
Audio	<ul style="list-style-type: none"> • Built-in microphone • Built-in speaker
Durability and Water Resistance	<ul style="list-style-type: none"> • Custom 3D Corning® Gorilla® Glass 5 • 5 ATM¹⁵ • IP68¹⁵
What's in the Box	<ul style="list-style-type: none"> • Google Pixel Watch 3 (41mm) • Active Band (small and large wristbands) • USB-C® Fast Charging Cable • Quick Start Guide
Warranty	<ul style="list-style-type: none"> • US, CA, JP, India, Singapore, Taiwan, and Malaysia <ul style="list-style-type: none"> ◦ 1 year • UK, EEA, France, Switzerland and AU <ul style="list-style-type: none"> ◦ 2 years
Sustainability	<p>Materials</p> <ul style="list-style-type: none"> • Made with recycled plastic, metal, glass, tin, and rare earth elements¹⁶ • Housing is made with 100% recycled aluminum² • Magnets in the Google Pixel Watch 3 use 100% recycled rare earth elements¹⁷ • Google Pixel Watch 3 uses 100% recycled tin in the solder of all rigid and flexible printed circuit boards, including the main logic board¹⁸ • Packaging for the Google Pixel Watch 3 uses 100% plastic-free materials¹⁹
	<p>1 Colors may vary and change over time with use. Not all colors available in all regions.</p> <p>2 Recycled aluminum is at least 3% of product based on weight.</p> <p>3 Requires 4G LTE wireless service plan (sold separately) to use cellular functionality. Compatible cellular service and roaming may not be available on all carrier networks or in all areas. Google Pixel Watch and Android companion devices must use the same carrier network. Contact carrier for details about current restrictions, network performance, compatibility, and availability. Watch connects to compatible 4G LTE networks but 4G LTE service, speed and performance depend on many factors including, but not limited to, carrier network capabilities, device configuration and capabilities, network traffic, location, signal strength and signal obstruction. Actual results may vary.</p> <p>4 Requires compatible device. Accuracy dependent upon distance, orientation, signal obstruction and other factors.</p>

- 5 Google Pixel Watch is not compatible with Android (Go edition). See g.co/pixelwatch/specs for technical and device specifications details.
- 6 Not available for all apps or content.
- 7 Maximum battery life is approximate and is based on testing conducted in California in 2024 on pre-production hardware and software, using default settings with a median Pixel user battery usage profile across a mix of talk, data, standby, and use of other features or for “up to 36 hours”, the use of features that are default in Battery Saver mode. Battery life depends on features enabled, usage, environment and many other factors. Use of certain features will decrease battery life. Actual battery life may be lower.
- 8 Based on use of in-box USB-C® Fast Charging Cable with 30W adapter (sold separately) plugged into a wall outlet. Actual results may be slower. Charging speed based on testing with fully drained device batteries. Charging testing in 2024 on pre-production hardware and software using default settings with the device powered on. Charging speed depends upon many factors including battery age and ambient temperature.
- 9 Storage specifications refer to capacity before formatting. Actual formatted capacity will be less.
- 10 Not available in all countries. Blood oxygen measurements, when available and enabled, are intended for general fitness and wellness purposes and are not intended to diagnose or treat any medical condition or for any other medical use, including self-diagnosis or consultation with a doctor. Please consult your doctor before beginning or modifying any exercise regimen or making health-related decisions. Use of the blood oxygen sensors may decrease battery life.
- 11 The ECG app is only available in select countries. Not intended for use by people under 22 years old. See fitbit.com/ecg for additional details.
- 12 Like all heart rate tracking technologies, accuracy is affected by physiology, location of device, and your movements and activity. Some uses may require the Fitbit mobile app.
- 13 Some uses may require the Fitbit mobile app. Use of the cEDA sensor may decrease battery life.
- 14 Not available in all markets. Significant changes in ambient temperature may negatively impact skin temperature tracking.
- 15 Google Pixel Watch is designed to comply with a water protection rating of 5 ATM under ISO standard 22810:2010 and with a dust and water protection rating IP68 under IEC standard 60529 when each device leaves the factory, but it is not waterproof or dust proof. Water resistance and dust resistance are not permanent conditions, and will diminish or be lost over time due to normal wear and tear, device repair, disassembly or damage. Google Pixel Watch is not drop/impact proof and dropping your device may result in loss of water and dust resistance. Damage from drops, impacts, and other external forces are not covered under warranty. Google Pixel Watch is designed to be used in shallow water and should not be used for activities involving water at high velocity or high temperature. Some Google Pixel Watch bands are not water-resistant. See g.co/pixelwatch/water for details. After any exposure to liquid, we recommend drying the watch and band because, as with any wearable device, it’s best for your skin if the band is clean and dry.
- 16 These recycled materials are at least 8% of product based on weight.
- 17 Docking, speaker, and haptic magnets contain 100% recycled rare earth elements, but the majority of the magnet weight consists of other materials.
- 18 Solder paste is made with multiple materials and contains at least 80% tin. The tin in the solder paste is made with 100% recycled content.
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Google Pixel Watch 3 Charger Tech Specs

Spec Category	Google Pixel Watch 2 USB-C® Fast Charging Cable
Compatibility	Compatible with the Google Pixel Watch 3 (41mm and 45mm) and Google Pixel Watch 2 ¹
Adapter	Requires a USB-C® adapter, minimum 5W (not included)
Dimensions	Magnetic charger diameter: 29 mm Cable length: 1 meter
Connectors	Magnetic pin charger to USB-C®
Color²	Snow
What's in the Box	Google Pixel Watch 3 USB-C® Fast Charging Cable (1 m) Power adapter not included
Weight	22 g

1 Google Pixel Watch sold separately. Google Pixel Watch works with most phones running on Android 10.0 or newer, but is not compatible with Android (Go edition).
2 Colors may vary and change over time with use.

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