



## Google Pixel Watch 4 (45mm) Tech Specs

**Colors**<sup>1</sup> • Matte Black Aluminum case / Obsidian Active Band  
Band • Polished Silver Aluminum case / Porcelain Active Band Regional availability TBC  
Band  
• Satin Moonstone Aluminum case / Moonstone Active

<b>Materials and finishes</b>	<ul style="list-style-type: none"><li>• Housing: 100% recycled aluminum<sup>2</sup></li><li>• Active Band: Fluoroelastomer with soft-touch coating</li></ul>
<b>Dimensions and weight</b>	<ul style="list-style-type: none"><li>• Diameter: 45 mm</li><li>• Height: 12.3 mm</li><li>• Weight: 36.7 g (without band)</li></ul>
<b>Display</b>	<ul style="list-style-type: none"><li>• Actual 360 display</li><li>• Custom 3D Corning® Gorilla® Glass 5</li><li>• 320 ppi AMOLED LTPO display with DCI-P3 color</li><li>• Up to 3000 nits (peak brightness)</li><li>• 1 nit minimum brightness (AOD)</li><li>• Responsive display (1–60 Hz)<sup>6</sup></li><li>• Always-on display</li></ul>

<b>Connectivity</b>	<ul style="list-style-type: none"> <li>• 4G LTE and UMTS<sup>3</sup></li> <li>• Bluetooth® 6.0</li> <li>• Wi-Fi 802.11a/b/g/n/ac/ax 2.4GHz, 5GHz</li> <li>• NFC</li> <li>• Ultra-Wideband<sup>4</sup></li> <li>• Satellite SOS communications<sup>20</sup></li> </ul> <p>JAPAN ONLY</p>
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	<ul style="list-style-type: none"> <li>• 4G LTE and UMTS<sup>3</sup></li> <li>• Bluetooth® 6.0</li> <li>• Wi-Fi 802.11a/b/g/n/ac/ax 2.4GHz, 5GHz</li> <li>• NFC</li> <li>• Ultra-Wideband<sup>4</sup></li> <li>• FeliCa</li> </ul>
<b>GPS</b>	<ul style="list-style-type: none"> <li>• [US] Dual Frequency GPS: GPS, Galileo, Glonass</li> <li>• [ROW] Dual Frequency GPS: GPS, Galileo, Glonass, Beidou, QZSS, NAVIC</li> </ul>
<b>Compatibility</b>	<p>Works with most phones running Android 11.0 or newer<sup>5</sup></p> <p>Requires Google Account and Google Pixel Watch app. For more help or information on compatibility, visit <a href="https://g.co/pixelwatch/setup">g.co/pixelwatch/setup</a>.</p>
<b>Band size</b>	<p>Active Band: Small and large band sizes included</p> <ul style="list-style-type: none"> <li>• Small fits wrists 150-185 mm around</li> <li>• Large fits wrists 165-215 mm around</li> </ul>

<b>Power (battery and charging)</b>	<ul style="list-style-type: none"> <li>• 455 mAh (typical)</li> <li>• Built-in rechargeable lithium-ion battery</li> <li>• Up to 40 hours with always-on display<sup>7</sup></li> <li>• Up to 72 hours with Battery Saver mode<sup>7</sup></li> <li>• Quick Charge Dock</li> <li>• Charging speed: <ul style="list-style-type: none"> <li>○ About 15 minutes to 50%<sup>8</sup></li> <li>○ About 30 minutes to 80%<sup>8</sup></li> <li>○ About 60 minutes to 100%<sup>8</sup></li> </ul> </li> </ul>
<b>Chip</b>	<ul style="list-style-type: none"> <li>• Snapdragon W5 Gen 2</li> </ul>

	<ul style="list-style-type: none"> <li>• Cortex-M55 co-processor</li> </ul>
<b>OS</b>	<ul style="list-style-type: none"> <li>• Wear OS 6.0</li> </ul>
<b>Storage and memory</b>	<ul style="list-style-type: none"> <li>• 32 GB eMMC flash<sup>9</sup></li> <li>• 2 GB SDRAM</li> </ul>
<b>Sensors</b>	<ul style="list-style-type: none"> <li>• Compass</li> <li>• Altimeter</li> <li>• Red and infrared sensors for oxygen saturation (SpO2) monitoring<sup>10</sup></li> <li>• Multipurpose electrical sensors compatible with ECG app<sup>11</sup></li> <li>• Multi-path optical heart rate sensor<sup>12</sup></li> <li>• 3-axis accelerometer</li> <li>• Gyroscope on</li> <li>• Ambient light sensor</li> <li>• Electrical sensor to measure skin conductance (cEDA) for body response tracking<sup>13</sup></li> <li>• Far field skin temperature sensor<sup>14</sup></li> <li>• Barometer</li> <li>• Magnetometer</li> </ul>

<b>Interaction</b>	<ul style="list-style-type: none"> <li>• Side button</li> <li>• Haptic crown</li> <li>• Gen 3 premium haptics</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>• Built-in microphone</li> <li>• Built-in speaker</li> </ul>
<b>Durability and water resistance</b>	<ul style="list-style-type: none"> <li>• Custom 3D Corning® Gorilla® Glass 5</li> <li>• 5 ATM<sup>15</sup></li> <li>• IP68<sup>15</sup></li> </ul>
<b>What's in the box</b>	<ul style="list-style-type: none"> <li>• Google Pixel Watch 4 (45mm)</li> <li>• Active Band (small and large bands)</li> <li>• Google Pixel Watch 4 USB-C® Quick Charge Dock</li> <li>• Quick Start Guide</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>• [US, CA, JP, India, Singapore, Taiwan, Malaysia, and Mexico] <ul style="list-style-type: none"> <li>◦ 1 year</li> </ul> </li> <li>• [UK, EEA, France, Switzerland and Australia] <ul style="list-style-type: none"> <li>◦ 2 years</li> </ul> </li> </ul>
<b>Sustainability</b>	<p>Materials</p> <ul style="list-style-type: none"> <li>• Pixel Watch 4 is made with recycled plastic, cobalt, aluminum, steel, glass, tin, tungsten, gold, copper, and rare earth elements<sup>16</sup></li> <li>• Housing is 100% recycled aluminum<sup>2</sup></li> <li>• Pixel Watch 4 uses 100% recycled tin in the solder paste of</li> </ul>

	<p>multiple printed circuit boards, including the main logic board<sup>18</sup></p> <ul style="list-style-type: none"> <li>• Packaging for the Google Pixel Watch 4 uses 100% plastic free materials<sup>19</sup></li> </ul>
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	<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. For full talk, text, and data functionality, 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 <a href="https://g.co/pixelwatch/specs">g.co/pixelwatch/specs</a> 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 2025 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, 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. Over time, Pixel software will manage battery performance to help maintain battery health as your battery ages. See <a href="https://g.co/pixelwatch/batteryhealth">g.co/pixelwatch/batteryhealth</a> for more information on battery life.</p> <p>8 Based on use of in-box USB-C® Quick Charging Dock 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 2025 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</p>
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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](https://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 countries. 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](https://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 9% of product based on weight.

18 Recycled tin is at least 80% of the solder paste based on weight.

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.

20 Pixel Watch Satellite SOS may not be available in all countries, regions, or circumstances. It is included at no additional charge for 2 years after activation. Your device, location and contact info may be shared with Google, emergency service and satellite service providers.

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# Google Pixel Watch 4 (41mm) Tech Specs

**Colors<sup>1</sup>** • Matte Black Aluminum case / Obsidian Active Band  
 • Polished Silver Aluminum case / Porcelain Active Band • Polished Silver Aluminum case / Iris Active Band  
 • Champagne Gold Aluminum Case / Lemongrass Active Band

Regional availability TBC

<b>Materials and finishes</b>	<ul style="list-style-type: none"> <li>• Housing: 100% recycled aluminum<sup>2</sup></li> <li>• Active Band: Fluoroelastomer with soft-touch coating</li> </ul>
<b>Dimensions and weight</b>	<ul style="list-style-type: none"> <li>• Diameter: 41 mm</li> <li>• Height: 12.3 mm</li> <li>• Weight: 31.0 g (without band)</li> </ul>
<b>Display</b>	<ul style="list-style-type: none"> <li>• Actua 360 display</li> <li>• Custom 3D Corning® Gorilla® Glass 5</li> <li>• 320 ppi AMOLED LTPO display with DCI-P3 color</li> <li>• Up to 3000 nits (peak brightness)</li> <li>• 1 nit minimum brightness (AOD)</li> <li>• Responsive display (1–60 Hz)<sup>6</sup></li> <li>• Always-on display</li> </ul>

<b>Connectivity</b>	<ul style="list-style-type: none"> <li>• 4G LTE and UMTS<sup>3</sup></li> <li>• Bluetooth® 6.0</li> <li>• Wi-Fi 802.11a/b/g/n/ac/ax 2.4GHz, 5GHz</li> <li>• NFC</li> <li>• Ultra-Wideband<sup>4</sup></li> <li>• Satellite SOS communication<sup>20</sup></li> </ul>
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<b>GPS</b>	<ul style="list-style-type: none"> <li>• [US] Dual Frequency GPS: GPS, Galileo, Glonass</li> <li>• [ROW] Dual Frequency GPS: GPS, Galileo, Glonass, Beidou, QZSS, NAVIC</li> </ul>
<b>Compatibility</b>	<p>Works with most phones running Android 11.0 or newer<sup>5</sup></p> <p>Requires Google Account and Google Pixel Watch app. For more help or information on compatibility visit <a href="https://g.co/pixelwatch/setup">g.co/pixelwatch/setup</a>.</p>
<b>Band size</b>	<ul style="list-style-type: none"> <li>• Active Band: Small and large band sizes included <ul style="list-style-type: none"> <li>○ Small fits wrists 130-175 mm around</li> <li>○ Large fits wrists 165-210 mm around</li> </ul> </li> </ul>



<b>Power (battery and charging)</b>	<ul style="list-style-type: none"> <li>• 325 mAh (typical)</li> <li>• Built-in rechargeable lithium-ion battery</li> <li>• Up to 30 hours with always-on display<sup>7</sup></li> <li>• Up to 48 hours with Battery Saver mode<sup>7</sup></li> <li>• Quick Charge Dock</li> <li>• Charging speed: <ul style="list-style-type: none"> <li>◦ About 15 minutes to 50%<sup>8</sup></li> <li>◦ About 25 minutes to 80%<sup>8</sup></li> <li>◦ About 45 minutes to 100%<sup>8</sup></li> </ul> </li> </ul>
<b>Chip</b>	<ul style="list-style-type: none"> <li>• Snapdragon W5 Gen 2</li> <li>• Cortex-M55 co-processor</li> </ul>
<b>OS</b>	<ul style="list-style-type: none"> <li>• Wear OS 6.0</li> </ul>
<b>Storage and memory</b>	<ul style="list-style-type: none"> <li>• 32 GB eMMC flash<sup>9</sup></li> <li>• 2 GB SDRAM</li> </ul>

<b>Sensors</b>	<ul style="list-style-type: none"> <li>• Compass</li> <li>• Altimeter</li> <li>• Red and infrared sensors for oxygen saturation (SpO2) monitoring<sup>10</sup></li> <li>• Multipurpose electrical sensors compatible with ECG app<sup>11</sup></li> <li>• Multi-path optical heart rate sensor<sup>12</sup></li> <li>• 3-axis accelerometer</li> <li>• Gyroscope</li> <li>• Ambient light sensor</li> <li>• Electrical sensor to measure skin conductance (cEDA) for body response tracking<sup>13</sup></li> <li>• Far field skin temperature sensor<sup>14</sup></li> <li>• Barometer</li> <li>• Magnetometer</li> </ul>
<b>Interaction</b>	<ul style="list-style-type: none"> <li>• Side button</li> <li>• Haptic crown</li> <li>• Gen 3 premium haptics</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>• Built-in microphone</li> <li>• Built-in speaker</li> </ul>

<b>Durability and water resistance</b>	<ul style="list-style-type: none"> <li>• Custom 3D Corning® Gorilla® Glass 5</li> <li>• 5 ATM<sup>15</sup></li> <li>• IP68<sup>15</sup></li> </ul>
<b>What's in the box</b>	<ul style="list-style-type: none"> <li>• Google Pixel Watch 4 (41mm)</li> <li>• Active Band (small and large bands)</li> <li>• Google Pixel Watch 4 USB-C® Quick Charge Dock</li> <li>• Quick Start Guide</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>• [US, CA, JP, India, Singapore, Taiwan, Malaysia, and Mexico] ○ 1 year</li> <li>• [UK, EEA, France, Switzerland and AU] ○ 2 years</li> </ul>
<b>Sustainability</b>	<p>Materials</p> <ul style="list-style-type: none"> <li>• Pixel Watch 4 is made with recycled plastic, cobalt, aluminum, steel, glass, tin, tungsten, gold, copper, and rare earth elements<sup>16</sup></li> <li>• Housing is made with 100% recycled aluminum<sup>2</sup></li> <li>• Pixel Watch 4 uses 100% recycled tin in the solder paste of multiple printed circuit boards, including the main logic board<sup>18</sup></li> <li>• Packaging for the Google Pixel Watch 4 uses 100% plastic free materials<sup>19</sup></li> </ul>
	<p>1 Colors may vary and change over time with use. Not all colors available in all regions.</p>

2 Recycled aluminum is at least 3% of product based on weight. 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. For full talk, text, and data functionality, 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. 4 Requires compatible device. Accuracy dependent upon distance, orientation, signal obstruction and other factors. 5 Google Pixel Watch is not compatible with Android (Go edition). See [g.co/pixelwatch/specs](https://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 2025 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 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. Over time, Pixel software will manage battery performance to help maintain battery health as your battery ages. See [g.co/pixelwatch/batteryhealth](https://g.co/pixelwatch/batteryhealth) for more information on battery life. 8 Based on use of in-box USB-C® Quick Charging Dock 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 2025 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](https://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

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