

Pixel 10a Spec Sheet

Category Title	Spec	Disclaimer
Color	Colors	-
	Lavender	-
	Berry	-
	Fog	-
	Obsidian	-
Display	Display	-
	6.3-inch (160 mm) Actua display	Screen has rounded corners. When measured diagonally as a rectangle, screen is 6.3 inches. Actual viewable area is less. Dimension may vary by configuration and manufacturing process.
	20:9 aspect ratio	-
	1080 x 2424 pOLED at 422.2 PPI	-
	Smooth Display (60-120Hz)	Not available for all apps or content.
	Corning® Gorilla® Glass™ 7i cover glass	-
	Up to 2000 nits (HDR) and up to 3000 nits (peak brightness)	HDR brightness measured at 100% on-pixel ratio. Peak brightness measured at 5% on-pixel ratio
	>2,000,000:1 contrast ratio	-
	HDR support	-
	Full 24-bit depth for 16 million colors	-
Dimensions and weight	Dimensions and weight	Dimensions and weight vary by configuration and manufacturing process.
	6.1 in (height) x 2.9 in (width) x 0.4 in (depth)	-
	153.9 mm (height) x 73.0 mm (width) x 9.0 mm (depth)	-
	6.5 oz	-
	183 g	-
Battery and charging	Battery and charging	-

	30+ hour battery life	Battery life depends upon many factors and usage 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/pixel/battery-tests and g.co/pixel/batteryhealth for details.
	Up to 120-hour battery life with Extreme Battery Saver	Battery life depends upon many factors and usage 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/pixel/battery-tests and g.co/pixel/batteryhealth for details.
	Typical 5100 mAh (minimum 5000 mAh)	Estimate of typical capacity based upon testing and expected cell behavior.
	Fast charging – up to 50% in about 30 minutes – using 45W USB-C® PPS charger or higher, sold separately	Wired charging rates are based upon use of the Google 45W USB-C® Charger plugged into a wall outlet. Actual results may be slower. Adapters sold separately. See g.co/pixel/battery-tests and g.co/pixel/batteryhealth for details.
	Wireless charging (Qi-certified)	Wireless charging rate up to 10W with Qi-certified EPP chargers (sold separately). Actual results may be slower.
Memory and storage	Memory and storage	–
	8 GB RAM	–
	128 GB	Storage specifications refer to capacity before formatting. Actual formatted capacity will be less.
	256 GB	Storage specifications refer to capacity before formatting. Actual formatted capacity will be less.
Processor	Processor	–
	Google Tensor G4	–
	Titan M2 security coprocessor	–

Security	Security	-
	VPN by Google at no extra cost	Restrictions apply. Some data is not transmitted through VPN. Not available in all countries. Use of VPN may increase data costs depending on your plan. See g.co/pixel/vpn for details
	End-to-end security designed by Google	-
	Multi-layer hardware security: Tensor security core, certified Titan M2 security chip, and Trusty (Trusted Execution Environment)	-
	Anti-malware and anti-phishing protection	-
	Spam protection in Google Phone and Messages	-
	For information about what data Pixel devices collect go to g.co/pixel/data-collection	-
Camera specs	Rear camera	-
	Dual rear camera system: 48 MP wide 13 MP ultrawide Super Res Zoom up to 8x and optical quality at 0.5, 1x	Reflects megapixels for camera sensor. Camera image resolution output may be less when using default settings.
	Wide camera	-
	48 MP Quad PD Dual Pixel	Reflects megapixels for camera sensor. Camera image resolution output may be less when using default settings.
	<i>f</i> /1.7 aperture	-
	82° field of view	Not available for all cameras, apps, or modes.
	1/2" image sensor size	-
	Ultrawide camera	-
	13 MP ultrawide camera	Reflects megapixels for camera sensor. Camera image resolution output may be less when using default settings.
	<i>f</i> /2.2 aperture	-
	120° field of view	Not available for all cameras, apps, or modes
	1/3.1" image sensor size	-
	All rear cameras	-
	Super Res Zoom up to 8x	Not available for all cameras, apps, or modes.

	Optical + electronic image stabilization on wide	-
Front camera	Front camera	-
	13 MP selfie camera	Reflects megapixels for camera sensor. Camera image resolution output may be less when using default settings.
	<i>f</i> /2.2 aperture	-
	96.1° ultrawide field of view	Not available for all cameras, apps, or modes.
Camera features	Camera features	-
	Super Res Zoom up to 8x	Not available for all cameras, apps, or modes.
	Camera Coach	-
	Add Me	-
	Macro Focus	-
	Night Sight	-
	Astrophotography	-
	Portrait Mode	
	Face Unblur	-
	Long Exposure	-
	Real Tone	-
	Panorama	-
	Auto Best Take	-
	Frequent Faces	-
	Top Shot	-
Editing features	Editing features	-
	Edit photos just by asking	Availability may vary by country and language. See g.co/photos/ask for details. Results may vary. Available to users 18+.
	Auto frame	-
	Reimagine	Results may vary. Available to users 18+.
	Sky styles	-
	Resize and move subjects	-
	Portrait blur	-
	Magic Eraser	-
	Best Take	-

	Photo Unblur	-
	Portrait Light	-
Video specs	Video	-
	Rear camera	-
	4K video recording at 30/60 FPS	-
	1080p video recording at 30/60 FPS	-
	Digital zoom up to 5x	Not available for all cameras, apps, or modes.
	Front camera	-
	4K video recording at 30 FPS	-
Video features	Video features	-
	Audio Magic Eraser	
	Macro Focus Video	-
	Cinematic Pan	-
	Slo-mo video support up to 240 FPS	-
	4K timelapse with stabilization	-
	Astrophotography timelapse	-
	Night Sight timelapse	-
	Optical image stabilization for video	-
	Fused video stabilization	-
	Cinematic Pan video stabilization (4K, 1080p)	-
	Locked video stabilization (4K, 1080p)	-
	Active video stabilization (1080p)	-
	Video formats: HEVC (H.265), AVC (H.264)	-
Audio features	Audio	-
	Stereo recording	-
	Speech enhancement	-
	Wind noise reduction	-
Google AI	Google AI	-
	Gemini Nano	-
	Gemini, your built-in AI assistant	Results for illustrative purposes and may vary. Check responses for accuracy. Internet connection required. Availability may vary by country and language.

	Gemini Live	Results for illustrative purposes and may vary. Check responses for accuracy. Compatible with certain features and accounts. Internet connection required. Available in select countries, languages, and to users 18+.
	Gemini apps	Internet connection required. Features may differ depending on subscription and account. Some apps require setup. Available in select countries and languages.
	Circle to Search	Requires internet connection and compatible apps and surfaces. Results may vary depending on visual matches.
	Live Translate	
	Call Assist	
Materials and durability	Materials and durability	-
	Corning® Gorilla® Glass 7i cover glass	-
	Composite matte back with satin aluminum frame	-
		Designed to comply with dust and water protection rating IP68 under IEC standard 60529 when each device leaves the factory but the device is not water or dust proof. The accessories are not water or dust resistant. 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. Phone is not drop/tumble proof and dropping your device may result in loss of water/dust resistance. Damage from drops, tumbles, slips, and other external forces are not covered under warranty. Liquid damage voids the warranty. See g.co/pixel/water for details.
	IP68 dust and water resistance	
	Fingerprint-resistant coating	-
	The aluminum in the housing is 100% recycled content. Back cover is made with at least 81% recycled plastic	Recycled aluminum is at least 16% of product based on weight. The recycled plastic in the back cover accounts for at least 3% of the product based on product weight

	Made with at least 36% recycled materials based on product weight	-
	100% plastic-free packaging	Based on retail packaging (excluding adhesive materials and required plastic stickers) as shipped by Google. To meet the request of some retail partners, stickers and/or security tags are applied to some packaging variations and may contain plastic.
	The battery cell is made with 100% recycled cobalt	Recycled Cobalt is at least 26% of the battery cell weight.
	100% recycled rare earth elements used in multiple magnets	Magnets used in the speakers, haptics engine, and rear camera. Recycled rare earth elements are at least 27% of the magnet weight for each item
	The haptics engine is made with 100% recycled tungsten	Recycled tungsten is 60% of the haptics engine weight.
	The main logic board is made with 100% recycled copper and gold	The recycled copper is at least 62% of the main logic board weight. The gold plating of the main logic board is made with 100% recycled gold.
	100% recycled tin in the solder of multiple printed circuit boards	Solder paste is made with multiple materials and contains at least 87% tin.
	Of the 14 plastic parts, 11 are made with at least 30% recycled content	This recycled plastic accounts for at least 6% of the product based on product weight. This does not include plastics in printed circuit boards, labels, cables, connectors, electronic components and modules, optical components, electrostatic discharge (ESD) components, electromagnetic interference (EMI) components, films, coatings and adhesives.
Security and OS updates	Security and OS updates	-
	7 years of OS, security, and Pixel Drop updates	Will receive updates for 7 years from when the device first became available on the Google Store in the US. See g.co/pixel/updates for more information.
Operating system	Operating system	-
	Launched with Android 16	-
Authentication	Authentication	-
	Fingerprint Unlock	-

Safety	Face Unlock	-
	Pattern, PIN, password	-
	Safety	-
	Satellite SOS	Restrictions apply. Setup required. Service included at no additional charge for the first two years after activation of devices. Available in the US. Connection and response times vary based on location, site conditions, and other factors. See g.co/pixel/satellitesos for details.
	Emergency SOS	Personal Safety app features are dependent upon network connectivity and other factors and may not be reliable for emergency communications or available in all areas. For more information, see g.co/pixel/personalsafety .
	Crisis Alerts	Personal Safety app features are dependent upon network connectivity and other factors and may not be reliable for emergency communications or available in all areas. For more information, see g.co/pixel/personalsafety .
	Car Crash Detection	Car Crash Detection not available in all languages or countries. Car Crash Detection may not detect all accidents. High-impact activities may trigger Car Crash Detection. This feature is dependent upon network connectivity and other factors and may not be reliable for emergency communications or available in all areas. For country and language availability and more information see g.co/pixel/carcrashdetection .
	Safety Check	Personal Safety app features are dependent upon network connectivity and other factors and may not be reliable for emergency communications or available in all areas. For more information, see g.co/pixel/personalsafety .
	Emergency Location Service	Cellular or Wi-Fi connectivity required. Available in certain countries and regions. See www.android.com/safety/emergency-help/emergency-location-service/how-it-works for availability details. Contacting emergency services will automatically enable your device's location permissions at the time of contact, but your settings will revert afterwards.
	Emergency Contacts & Medical Info	Personal Safety app features are dependent upon network connectivity and other factors and may not

		be reliable for emergency communications or available in all areas. For more information, see g.co/pixel/personalsafety .
	Android Earthquake Alerts System	Supplemental and does not replace official government systems. Cellular connectivity or Wi-Fi required. Alerts must be enabled. Notifications are sent for earthquakes with estimated magnitude 4.5 and above. See support.google.com/android/answer/9319337 for availability details.
	Theft protection	-
Sensors	Sensors	-
	Proximity sensor	-
	Ambient light sensor	-
	Accelerometer	-
	Gyrometer	-
	Magnetometer	-
	Barometer	-
Buttons and ports	Buttons and ports	-
	USB Type-C® 3.2	-
	Power button	-
	Volume controls	-
SIMs	SIMs	-
	Dual SIM (Single Nano SIM and eSIM)	Feature is carrier dependent. Not supported by all carriers or in all countries. Contact carrier for details.
Media and audio	Media and audio	-
	Stereo speakers	-
	2 microphones	-
	Noise suppression	-
	-	Requires compatible app and earbuds/headphones (sold separately) and supported content. See g.co/pixel/spatialaudio .
Connectivity and location	Connectivity and location	-
	Wi-Fi 6E with 2.4GHz, 5GHz, 6GHz, 2x2 MIMO	2.4GHz, 5GHz, and 6GHz available where permitted by local laws.

	Bluetooth® v6 with antenna diversity for enhanced quality and connection	-
	NFC	-
	Google Cast	-
	GPS, GLONASS, Galileo	-
	GPS, GLONASS, Galileo, Beidou, QZSS	-
Network	Network	Works on most major carrier networks. Contact carrier for details. Cellular service and band support are carrier dependent and not available in all areas. Some bands supported by the device hardware may not be enabled. See g.co/pixel/networkinfo for details.
	5G Sub 6GHz Model GE1GQ	Requires a 5G data plan (sold separately). 5G service not available on all carrier networks or in all areas. Contact carrier for details. 5G service, speed and performance depend on many factors, including carrier network capabilities and signal strength. Actual results may vary. Some features not available in all areas. Data rates may apply. See g.co/pixel/networkinfo for info.
	US	-
	GSM/EDGE: Quad-band (850, 900, 1800, 1900 MHz)	-
	UMTS/HSPA+/HSDPA: Bands 1, 2, 4, 5, 8	-
	LTE: Bands 1/2/3/4/5/7/8/12/13/14/17/20/25/26/28/29/30/38/41/48/66/71	-
	5G Sub-6: Bands 1/2/3/5/7/8/12/14/20/25/26/28/29/30/38/41/48/66/70/71/77/78	Requires a 5G data plan (sold separately). 5G service not available on all carrier networks or in all areas. Contact carrier for details. 5G service, speed and performance depend on many factors, including carrier network capabilities and signal strength. Actual results may vary. Some features not available in all areas. Data rates may apply. See g.co/pixel/networkinfo for info.
	-	-
	NB-IoT: B23/255/256 LTE (NA): B2/5/12/14/25 LTE (EU): B1/3/7/28	-
	-	-

5G Sub 6GHz Model GV0BP	-
JP	-
GSM/EDGE: Quad-band (850, 900, 1800, 1900 MHz)	-
UMTS/HSPA+/HSDPA: Bands: 1, 2, 4, 5, 8	-
LTE: Bands 1/2/3/4/5/7/8/12/17/18/19/20/21/26/28/32/38/39/ 40/41/42/66/75	-
5G Sub-6: Bands 1/2/3/5/7/8/12/20/26/28/38/40/41/66/75/77/78/ 79	Requires a 5G data plan (sold separately). 5G service not available on all carrier networks or in all areas. Contact carrier for details. 5G service, speed and performance depend on many factors, including carrier network capabilities and signal strength. Actual results may vary. Some features not available in all areas. Data rates may apply. See g.co/pixel/networkinfo for info.
-	-
NB-IoT: B23/255/256 LTE (NA): B2/5/12/25 LTE (EU): B1/3/7/8/20/28	-
FeliCa	-
5G Sub 6GHz Model G4H7L	
ROW	-
GSM/EDGE: Quad-band (850, 900, 1800, 1900 MHz)	-
UMTS/HSPA+/HSDPA: Bands 1, 2, 4, 5, 8	-
LTE: Bands 1/2/3/4/5/7/8/12/17/18/19/20/21/26/28/32/38/39/ 40/41/42/66/75	-
5G Sub-6: Bands 1/2/3/5/7/8/12/20/26/28/38/40/41/41/66/75/77/7 8/79	Requires a 5G data plan (sold separately). 5G service not available on all carrier networks or in all areas. Contact carrier for details. 5G service, speed and performance depend on many factors, including carrier network capabilities and signal strength. Actual results may vary. Some features not available in all areas. Data rates may apply. See g.co/pixel/networkinfo for info.
-	-

	NB-IoT: B23/255/256 LTE (NA): B2/5/12/25 LTE (EU): B1/3/7/8/20/28	-
Accessibility	Accessibility	-
	Hearing aid-compatible per FCC requirements. Conversational Gain: 12.0 dB w/ aid & 18.0 dB w/o aid (DA 23-914). See g.co/pixel/hac .	-
	Guided Frame	-
	Magnifier	-
	Live Caption	-
	Live Transcribe & Sound Notifications	-
	TalkBack screen reader	Available in select languages and countries. Internet connection required. Check responses for accuracy.
	Lookout	-
	Reading Mode	-
	Sound Amplifier & Conversation mode	-
	Camera Switches	-
	Voice Access	-
	Real-time text	-
Warranty	1 year	-
Purchase details	What's in the box	-
	Pixel 10a	-
	1 m USB-C® to USB-C® cable (USB 2.0)	-
	SIM tool	-

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