Compare iPhone models

iPhone Xs	**iPhone Xs Max**	**iPhone XR**	**iPhone X**
Buy Now Learn More	Buy Now Learn More	Buy Now Learn More	Buy Now Learn More
Capacity[1] 64GB 256GB 512GB	**Capacity**[1] 64GB 256GB 512GB	**Capacity**[1] 64GB 128GB 256GB	**Capacity**[1] 64GB 256GB
Colour ● ● ●	**Colour** ● ● ●	**Colour** ● ● ● ● ● ● (PRODUCT)RED™	**Colour** ● ●
5.8″ Super Retina HD display[2]	**6.5″** Super Retina HD display[2]	**6.1″** Liquid Retina HD display[2]	**5.8″** Super Retina HD display[2]
Face ID	Face ID	Face ID	Face ID
A12 A12 Bionic chip with next-generation Neural Engine	A12 A12 Bionic chip with next-generation Neural Engine	A12 A12 Bionic chip with next-generation Neural Engine	A11 A11 Bionic chip with Neural Engine
2m Water-resistant to a depth of 2 metres for up to 30 minutes[4]	**2m** Water-resistant to a depth of 2 metres for up to 30 minutes[4]	**1m** Water-resistant to a depth of 1 metre for up to 30 minutes[4]	**1m** Water-resistant to a depth of 1 metre for up to 30 minutes[4]
Wireless charging (works with Qi chargers[5])	Wireless charging (works with Qi chargers[5])	Wireless charging (works with Qi chargers[5])	Wireless charging (works with Qi chargers[5])
Display Super Retina HD display	**Display** Super Retina HD display	**Display** Liquid Retina HD display	**Display** Super Retina HD display

5.8-inch (diagonal) all-screen OLED Multi-Touch display[2]	6.5-inch (diagonal) all-screen OLED Multi-Touch display[2]	6.1-inch (diagonal) all-screen LCD Multi-Touch display with IPS technology[2]	5.8-inch (diagonal) all-screen OLED Multi-Touch display[2]
HDR display	HDR display	—	HDR display
2436-by-1125-pixel resolution at 458 ppi	2688-by-1242-pixel resolution at 458 ppi	1792-by-828-pixel resolution at 326 ppi	2436-by-1125-pixel resolution at 458 ppi
1,000,000:1 contrast ratio (typical)	1,000,000:1 contrast ratio (typical)	1400:1 contrast ratio (typical)	1,000,000:1 contrast ratio (typical)
True Tone display	True Tone display	True Tone display	True Tone display
Wide colour display (P3)	Wide colour display (P3)	Wide colour display (P3)	Wide colour display (P3)
3D Touch	3D Touch	—	3D Touch
625 cd/m² max brightness (typical)	625 cd/m² max brightness (typical)	625 cd/m² max brightness (typical)	625 cd/m² max brightness (typical)
Size and Weight	**Size and Weight**	**Size and Weight**	**Size and Weight**
Height: 143.6 mm (5.65 inches)	Height: 157.5 mm (6.20 inches)	Height: 150.9 mm (5.94 inches)	Height: 143.6 mm (5.65 inches)
Width: 70.9 mm (2.79 inches)	Width: 77.4 mm (3.05 inches)	Width: 75.7 mm (2.98 inches)	Width: 70.9 mm (2.79 inches)
Depth: 7.7 mm (0.30 inch)	Depth: 7.7 mm (0.30 inch)	Depth: 8.3 mm (0.33 inch)	Depth: 7.7 mm (0.30 inch)
Weight: 177 grams (6.24 ounces)	Weight: 208 grams (7.34 ounces)	Weight: 194 grams (6.84 ounces)	Weight: 174 grams (6.14 ounces)
Camera	**Camera**	**Camera**	**Camera**
Dual 12MP wide-angle and telephoto cameras	Dual 12MP wide-angle and telephoto cameras	12MP camera	Dual 12MP wide-angle and telephoto cameras
Wide-angle: ƒ/1.8 aperture Telephoto: ƒ/2.4 aperture	Wide-angle: ƒ/1.8 aperture Telephoto: ƒ/2.4 aperture	ƒ/1.8 aperture	Wide-angle: ƒ/1.8 aperture Telephoto: ƒ/2.4 aperture
Dual optical image stabilization	Dual optical image stabilization	Optical image stabilization	Dual optical image stabilization
2x optical zoom; digital zoom up to 10x	2x optical zoom; digital zoom up to 10x	Digital zoom up to 5x	2x optical zoom; digital zoom up to 10x
Wide colour capture for photos and Live Photos	Wide colour capture for photos and Live Photos	Wide colour capture for photos and Live Photos	Wide colour capture for photos and Live Photos
Quad-LED True Tone flash with Slow Sync	Quad-LED True Tone flash with Slow Sync	Quad-LED True Tone flash with Slow Sync	Quad-LED True Tone flash with Slow Sync
Portrait mode with enhanced bokeh and Depth Control	Portrait mode with enhanced bokeh and Depth Control	Portrait mode with enhanced bokeh and Depth Control	Portrait mode
Portrait Lighting with five effects (Natural, Studio, Contour, Stage, Stage Mono)	Portrait Lighting with five effects (Natural, Studio, Contour, Stage, Stage Mono)	Portrait Lighting with three effects (Natural, Studio, Contour)	Portrait Lighting with five effects (Natural, Studio, Contour, Stage, Stage Mono)
Smart HDR for photos	Smart HDR for photos	Smart HDR for photos	Auto HDR for photos
Video Recording	**Video Recording**	**Video Recording**	**Video Recording**
4K video recording at 24 fps, 30 fps or 60 fps	4K video recording at 24 fps, 30 fps or 60 fps	4K video recording at 24 fps, 30 fps or 60 fps	4K video recording at 24 fps, 30 fps or 60 fps
1080p HD video recording at 30 fps or 60 fps	1080p HD video recording at 30 fps or 60 fps	1080p HD video recording at 30 fps or 60 fps	1080p HD video recording at 30 fps or 60 fps
Extended dynamic range for video up to 30 fps	Extended dynamic range for video up to 30 fps	Extended dynamic range for video up to 30 fps	—
Optical image stabilization for video	Optical image stabilization for video	Optical image stabilization for video	Optical image stabilization for video
2x optical zoom; digital zoom up to 6x	2x optical zoom; digital zoom up to 6x	Digital zoom up to 3x	2x optical zoom; digital zoom up to 6x
Slo-mo video support for 1080p at 120 fps or 240 fps	Slo-mo video support for 1080p at 120 fps or 240 fps	Slo-mo video support for 1080p at 120 fps or 240 fps	Slo-mo video support for 1080p at 120 fps or 240 fps
Time-lapse video with stabilization	Time-lapse video with stabilization	Time-lapse video with stabilization	Time-lapse video with stabilization
Stereo recording	Stereo recording	Stereo recording	—
Front Camera	**Front Camera**	**Front Camera**	**Front Camera**
TrueDepth camera	TrueDepth camera	TrueDepth camera	TrueDepth camera
7MP photos	7MP photos	7MP photos	7MP photos
ƒ/2.2 aperture	ƒ/2.2 aperture	ƒ/2.2 aperture	ƒ/2.2 aperture
Retina Flash	Retina Flash	Retina Flash	Retina Flash
Wide colour capture for photos and Live Photos	Wide colour capture for photos and Live Photos	Wide colour capture for photos and Live Photos	Wide colour capture for photos and Live Photos
Smart HDR for photos	Smart HDR for photos	Smart HDR for photos	Auto HDR for photos
Portrait mode with enhanced bokeh and Depth Control	Portrait mode with enhanced bokeh and Depth Control	Portrait mode with enhanced bokeh and Depth Control	Portrait mode
Portrait Lighting with five effects (Natural, Studio, Contour, Stage, Stage Mono)	Portrait Lighting with five effects (Natural, Studio, Contour, Stage, Stage Mono)	Portrait Lighting with five effects (Natural, Studio, Contour, Stage, Stage Mono)	Portrait Lighting with five effects (Natural, Studio, Contour, Stage, Stage Mono)
Extended dynamic range for video at 30 fps	Extended dynamic range for video at 30 fps	Extended dynamic range for video at 30 fps	—
Cinematic video stabilization (1080p and 720p)	Cinematic video stabilization (1080p and 720p)	Cinematic video stabilization (1080p and 720p)	—
1080p HD video recording at 30 fps or 60 fps	1080p HD video recording at 30 fps or 60 fps	1080p HD video recording at 30 fps or 60 fps	1080p HD video recording
Animoji and Memoji	Animoji and Memoji	Animoji and Memoji	Animoji and Memoji
Cellular and Wireless	**Cellular and Wireless**	**Cellular and Wireless**	**Cellular and Wireless**
GSM/EDGE	GSM/EDGE	GSM/EDGE	GSM/EDGE
UMTS/HSPA+	UMTS/HSPA+	UMTS/HSPA+	UMTS/HSPA+
DC-HSDPA	DC-HSDPA	DC-HSDPA	DC-HSDPA
CDMA EV-DO Rev. A (some models)	CDMA EV-DO Rev. A (some models)	CDMA EV-DO Rev. A (some models)	CDMA EV-DO Rev. A (some models)
Gigabit-class LTE	Gigabit-class LTE	LTE Advanced	LTE Advanced
VoLTE	VoLTE	VoLTE	VoLTE
Power and Battery	**Power and Battery**	**Power and Battery**	**Power and Battery**
Lasts up to 30 minutes longer than iPhone X	Lasts up to 1.5 hours longer than iPhone X	Lasts up to 1.5 hours longer than iPhone 8 Plus	Lasts up to 2 hours longer than iPhone 7
Built-in rechargeable lithium-ion battery	Built-in rechargeable lithium-ion battery	Built-in rechargeable lithium-ion battery	Built-in rechargeable lithium-ion battery
Wireless charging (works with Qi chargers[5])	Wireless charging (works with Qi chargers)	Wireless charging (works with Qi chargers)	Wireless charging (works with Qi chargers)
Charging via USB to computer system or power adapter	Charging via USB to computer system or power adapter	Charging via USB to computer system or power adapter	Charging via USB to computer system or power adapter

Talk time (wireless): Up to 20 hours	**Talk time (wireless):** Up to 25 hours	**Talk time (wireless):** Up to 25 hours	**Talk time (wireless):** Up to 21 hours
Internet use: Up to 12 hours	**Internet use:** Up to 13 hours	**Internet use:** Up to 15 hours	**Internet use:** Up to 12 hours
Video playback (wireless): Up to 14 hours	**Video playback (wireless):** Up to 15 hours	**Video playback (wireless):** Up to 16 hours	**Video playback (wireless):** Up to 13 hours
Audio playback (wireless): Up to 60 hours	**Audio playback (wireless):** Up to 65 hours	**Audio playback (wireless):** Up to 65 hours	**Audio playback (wireless):** Up to 60 hours
Fast-charge capable: Up to 50% charge 30 minutes[9]	**Fast-charge capable:** Up to 50% charge 30 minutes□	**Fast-charge capable:** Up to 50% charge 30 minutes□	**Fast-charge capable:** Up to 50% charge 30 minutes[10]
SIM Card	**SIM Card**	**SIM Card**	**SIM Card**
Dual SIM (nano-SIM and eSIM[11])	Dual SIM (nano-SIM and eSIM[11])	Dual SIM (nano-SIM and eSIM[11])	Nano-SIM
Not compatible with existing micro-SIM cards	Not compatible with existing micro-SIM cards	Not compatible with existing micro-SIM cards	Not compatible with existing micro-SIM cards

iPhone 8 Plus	**iPhone 8**	**iPhone 7 Plus**	**iPhone 7**
Buy Now Learn More	Buy Now Learn More	Buy Now	Buy Now
Capacity[1]	**Capacity[1]**	**Capacity[1]**	**Capacity[1]**
64GB 256GB	**64GB 256GB**	**32GB 128GB**	**32GB 128GB**
Colour	**Colour**	**Colour**	**Colour**
● ● ●	● ● ●	● ● ● ●	● ● ● ●
5.5″	**4.7″**	**5.5″**	**4.7″**
Retina HD display[3]	Retina HD display[3]	Retina HD display[3]	Retina HD display[3]
Touch ID	Touch ID	Touch ID	Touch ID
A11	A11	A10	A10
A11 Bionic chip with Neural Engine	A11 Bionic chip with Neural Engine	A10 Fusion chip	A10 Fusion chip
1m	**1m**	**1m**	**1m**
Water-resistant to a depth of 1 metre for up to 30 minutes[4]	Water-resistant to a depth of 1 metre for up to 30 minutes[4]	Water-resistant to a depth of 1 metre for up to 30 minutes[4]	Water-resistant to a depth of 1 metre for up to 30 minutes[4]
Wireless charging (works with Qi chargers[5])	Wireless charging (works with Qi chargers[5])	–	–

Display	Display	Display	Display
Retina HD display	**Retina HD display**	**Retina HD display**	**Retina HD display**
5.5-inch (diagonal) widescreen LCD Multi-Touch display with IPS technology	4.7-inch (diagonal) widescreen LCD Multi-Touch display with IPS technology	5.5-inch (diagonal) widescreen LCD Multi-Touch display with IPS technology	4.7-inch (diagonal) widescreen LCD Multi-Touch display with IPS technology
—	—	—	—
1920-by-1080-pixel resolution at 401 ppi	1334-by-750-pixel resolution at 326 ppi	1920-by-1080-pixel resolution at 401 ppi	1334-by-750-pixel resolution at 326 ppi
1300:1 contrast ratio (typical)	1400:1 contrast ratio (typical)	1300:1 contrast ratio (typical)	1400:1 contrast ratio (typical)
True Tone display	True Tone display	—	—
Wide colour display (P3)	Wide colour display (P3)	Wide colour display (P3)	Wide colour display (P3)
3D Touch	3D Touch	3D Touch	3D Touch
625 cd/m^2 max brightness (typical)	625 cd/m^2 max brightness (typical)	625 cd/m^2 max brightness (typical)	625 cd/m^2 max brightness (typical)

Size and Weight	Size and Weight	Size and Weight	Size and Weight
Height: 158.4 mm (6.24 inches)	Height: 138.4 mm (5.45 inches)	Height: 158.2 mm (6.23 inches)	Height: 138.3 mm (5.44 inches)
Width: 78.1 mm (3.07 inches)	Width: 67.3 mm (2.65 inches)	Width: 77.9 mm (3.07 inches)	Width: 67.1 mm (2.64 inches)
Depth: 7.5 mm (0.30 inch)	Depth: 7.3 mm (0.29 inch)	Depth: 7.3 mm (0.29 inch)	Depth: 7.1 mm (0.28 inch)
Weight: 202 grams (7.13 ounces)	Weight: 148 grams (5.22 ounces)	Weight: 188 grams (6.63 ounces)	Weight: 138 grams (4.87 ounces)

Camera	Camera	Camera	Camera
Dual 12MP wide-angle and telephoto cameras	12MP camera	12MP wide-angle and telephoto cameras	12MP camera
Wide-angle: ƒ/1.8 aperture Telephoto: ƒ/2.8 aperture	ƒ/1.8 aperture	Wide-angle: ƒ/1.8 aperture Telephoto: ƒ/2.8 aperture	ƒ/1.8 aperture
Optical image stabilization	Optical image stabilization	Optical image stabilization	Optical image stabilization
2x optical zoom; digital zoom up to 10x	Digital zoom up to 5x	2x optical zoom; digital zoom up to 10x	Digital zoom up to 5x
Wide colour capture for photos and Live Photos	Wide colour capture for photos and Live Photos	Wide colour capture for photos and Live Photos	Wide colour capture for photos and Live Photos
Quad-LED True Tone flash with Slow Sync	Quad-LED True Tone flash with Slow Sync	Quad-LED True Tone flash	Quad-LED True Tone flash
Portrait mode	—	Portrait mode	—
Portrait Lighting with five effects (Natural, Studio, Contour, Stage, Stage Mono)	—	—	—
Auto HDR for photos	Auto HDR for photos	HDR for photos	HDR for photos

Video Recording	Video Recording	Video Recording	Video Recording
4K video recording at 24 fps, 30 fps or 60 fps	4K video recording at 24 fps, 30 fps or 60 fps	4K video recording at 30 fps	4K video recording at 30 fps
1080p HD video recording at 30 fps or 60 fps	1080p HD video recording at 30 fps or 60 fps	1080p HD video recording at 30 fps or 60 fps	1080p HD video recording at 30 fps or 60 fps
Optical image stabilization for video	Optical image stabilization for video	Optical image stabilization for video	Optical image stabilization for video
2x optical zoom; digital zoom up to 6x	Digital zoom up to 3x	2x optical zoom; digital zoom up to 6x	Digital zoom up to 3x
Slo-mo video support for 1080p at 120 fps or 240 fps	Slo-mo video support for 1080p at 120 fps or 240 fps	Slo-mo video support for 1080p at 120 fps and 720p at 240 fps	Slo-mo video support for 1080p at 120 fps and 720p at 240 fps
Time-lapse video with stabilization	Time-lapse video with stabilization	Time-lapse video with stabilization	Time-lapse video with stabilization

Front Camera	Front Camera	Front Camera	Front Camera
FaceTime HD camera	FaceTime HD camera	FaceTime HD camera	FaceTime HD camera
7MP photos	7MP photos	7MP photos	7MP photos
ƒ/2.2 aperture	ƒ/2.2 aperture	ƒ/2.2 aperture	ƒ/2.2 aperture
Retina Flash	Retina Flash	Retina Flash	Retina Flash
Wide colour capture for photos and Live Photos	Wide colour capture for photos and Live Photos	Wide colour capture for photos and Live Photos	Wide colour capture for photos and Live Photos
Auto HDR for photos	Auto HDR for photos	HDR for photos	HDR for photos
1080p HD video recording	1080p HD video recording	1080p HD video recording	1080p HD video recording

Cellular and Wireless	Cellular and Wireless	Cellular and Wireless	Cellular and Wireless
GSM/EDGE	GSM/EDGE	GSM/EDGE	GSM/EDGE
UMTS/HSPA+	UMTS/HSPA+	UMTS/HSPA+	UMTS/HSPA+
DC-HSDPA	DC-HSDPA	DC-HSDPA	DC-HSDPA
CDMA EV-DO Rev. A (some models)	CDMA EV-DO Rev. A (some models)	CDMA EV-DO Rev. A (some models)	CDMA EV-DO Rev. A (some models)
LTE Advanced	LTE Advanced	LTE Advanced	LTE Advanced
VoLTE	VoLTE	VoLTE	VoLTE

Power and Battery	Power and Battery	Power and Battery	Power and Battery
Lasts about the same as iPhone 7 Plus	Lasts about the same as iPhone 7	Lasts up to 1 hour longer than iPhone 6s Plus	Lasts up to 2 hours longer than iPhone 6s
Built-in rechargeable lithium-ion battery	Built-in rechargeable lithium-ion battery	Built-in rechargeable lithium-ion battery	Built-in rechargeable lithium-ion battery
Wireless charging (works with Qi chargers)	Wireless charging (works with Qi chargers)	—	—
Charging via USB to computer system or power adapter	Charging via USB to computer system or power adapter	Charging via USB to computer system or power adapter	Charging via USB to computer system or power adapter
Talk time (wireless): Up to 21 hours	**Talk time (wireless):** Up to 14 hours	**Talk time (wireless):** Up to 21 hours	**Talk time (wireless):** Up to 14 hours
Internet use: Up to 13 hours	**Internet use:** Up to 12 hours	**Internet use:** Up to 13 hours	**Internet use:** Up to 12 hours
Video playback (wireless): Up to 14 hours	**Video playback (wireless):** Up to 13 hours	**Video playback (wireless):** Up to 14 hours	**Video playback (wireless):** Up to 13 hours
Audio playback (wireless): Up to 60 hours	**Audio playback (wireless):** Up to 40 hours	**Audio playback (wireless):** Up to 60 hours	**Audio playback (wireless):** Up to 40 hours

Fast-charge capable: Up to 50% charge 30 minutes[10]	**Fast-charge capable:** Up to 50% charge 30 minutes[10]	–	–
SIM Card Nano-SIM Not compatible with existing micro-SIM cards	**SIM Card** Nano-SIM Not compatible with existing micro-SIM cards	**SIM Card** Nano-SIM Not compatible with existing micro-SIM cards	**SIM Card** Nano-SIM Not compatible with existing micro-SIM cards

iPhone 6s Plus	**iPhone 6s**
Buy Now	Buy Now
Capacity[1] **32GB 128GB**	**Capacity[1]** **32GB 128GB**
Colour ● ● ● ●	**Colour** ● ● ● ●
5.5″ **Retina HD display[3]**	**4.7″** **Retina HD display[3]**
Touch ID	**Touch ID**
A9 **A9 chip**	A9 **A9 chip**
Display **Retina HD display** 5.5-inch (diagonal) widescreen LCD Multi-Touch display with IPS technology 1920-by-1080-pixel resolution at 401 ppi 1300:1 contrast ratio (typical) Full sRGB standard 3D Touch 500 cd/m² max brightness (typical)	**Display** **Retina HD display** 4.7-inch (diagonal) widescreen LCD Multi-Touch display with IPS technology 1334-by-750-pixel resolution at 326 ppi 1400:1 contrast ratio (typical) Full sRGB standard 3D Touch 500 cd/m² max brightness (typical)
Size and Weight Height: 158.2 mm (6.23 inches) Width: 77.9 mm (3.07 inches) Depth: 7.3 mm (0.29 inch) Weight: 192 grams (6.77 ounces)	**Size and Weight** Height: 138.3 mm (5.44 inches) Width: 67.1 mm (2.64 inches) Depth: 7.1 mm (0.28 inch) Weight: 143 grams (5.04 ounces)
Camera	**Camera**

12MP camera	12MP camera
ƒ/2.2 aperture	*ƒ*/2.2 aperture
Optical image stabilization	—
Digital zoom up to 5x	Digital zoom up to 5x
True Tone flash	True Tone flash
HDR for photos	HDR for photos

Video Recording	Video Recording
4K video recording at 30 fps	4K video recording at 30 fps
1080p HD video recording at 30 fps or 60 fps	1080p HD video recording at 30 fps or 60 fps
Optical image stabilization for video	—
Digital zoom up to 3x	Digital zoom up to 3x
Slo-mo video support for 1080p at 120 fps and 720p at 240 fps	Slo-mo video support for 1080p at 120 fps and 720p at 240 fps
Time-lapse video with stabilization	Time-lapse video with stabilization

Front Camera	Front Camera
FaceTime HD camera	FaceTime HD camera
5MP photos	5MP photos
ƒ/2.2 aperture	*ƒ*/2.2 aperture
Retina Flash	Retina Flash
HDR for photos	HDR for photos
720p HD video recording	720p HD video recording

Cellular and Wireless	Cellular and Wireless
GSM/EDGE	GSM/EDGE
UMTS/HSPA+	UMTS/HSPA+
DC-HSDPA	DC-HSDPA
CDMA EV-DO Rev. A	CDMA EV-DO Rev. A
LTE Advanced	LTE Advanced
VoLTE	VoLTE

Power and Battery	Power and Battery
Built-in rechargeable lithium-ion battery	Built-in rechargeable lithium-ion battery
Charging via USB to computer system or power adapter	Charging via USB to computer system or power adapter
Talk time: Up to 24 hours	**Talk time:** Up to 14 hours
Internet use: Up to 12 hours	**Internet use:** Up to 10 hours
Video playback: Up to 14 hours	**Video playback:** Up to 11 hours
Audio playback: Up to 80 hours	**Audio playback:** Up to 50 hours

SIM Card	SIM Card
Nano-SIM	**Nano-SIM**
Not compatible with existing micro-SIM cards	Not compatible with existing micro-SIM cards

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1. Available space is less and varies due to many factors. A standard configuration uses approximately 10GB to 12GB of space (including iOS and preinstalled apps) depending on the model and settings. Preinstalled apps use about 4GB, and you can delete these apps and restore them.
2. The display has rounded corners that follow a beautiful curved design, and these corners are within a standard rectangle. When measured as a standard rectangular shape, the screen is 5.85 inches (iPhone XS), 6.46 inches (iPhone XS Max), 6.06 inches (iPhone XR) or 5.85 inches (iPhone X) diagonally. Actual viewable area is less.
3. Display size is measured diagonally.
4. iPhone 7, iPhone 7 Plus, iPhone 8, iPhone 8 Plus, iPhone X, iPhone XS, iPhone XS Max and iPhone XR are splash-, water- and dust-resistant, and were tested under controlled laboratory conditions; iPhone XS and iPhone XS Max have a rating of IP68 under IEC standard 60529 (maximum depth of 2 metres up to 30 minutes); and iPhone 7, iPhone 7 Plus, iPhone 8, iPhone 8 Plus, iPhone X and iPhone XR have a rating of IP67 under IEC standard 60529 (maximum depth of 1 metre up to 30 minutes). Splash, water and dust resistance are not permanent conditions and resistance might decrease as a result of normal wear. Do not attempt to charge a wet iPhone; refer to the user guide for cleaning and drying instructions. Liquid damage not covered under warranty.
5. Qi wireless chargers sold separately.
6. Size and weight vary by configuration and manufacturing process.
7. Data plan required. Gigabit-class LTE, LTE Advanced, LTE and VoLTE are available in select markets and through select carriers. Speeds are based on theoretical throughput and vary based on site conditions and carrier. For details on LTE support, contact your carrier and see www.apple.com/iphone/LTE.
8. All battery claims depend on network configuration and many other factors; actual results will vary. Battery has limited recharge cycles and may eventually need to be replaced by Apple service provider. Battery life and charge cycles vary by use and settings. See www.apple.com/ca/batteries and www.apple.com/ca/iphone/battery.html for more information.
9. Testing conducted by Apple in August 2018 using preproduction iPhone XS, iPhone XS Max and iPhone XR units and software, and accessory Apple USB-C Power Adapters (30W Model A1882 and 87W Model A1719). Fast-charge testing conducted with drained iPhone units. Charge time varies with environmental factors; actual results will vary.
10. Testing conducted by Apple in August 2017 using preproduction iPhone 8, iPhone 8 Plus and iPhone X units and software, and accessory Apple USB-C Power Adapters (29W Model A1540, 61W Model A1718, and 87W Model A1719). Fast-charge testing conducted with drained iPhone units. Charge time varies with environmental factors; actual results will vary.
11. eSIM will be available later this year through a software update. Use of eSIM requires a wireless service plan (which may include restrictions on switching service providers and roaming, even after contract expiration). Not all carriers support eSIM. Use of eSIM in iPhone may be disabled when purchased from some carriers. See your carrier for details. To learn more, visit support.apple.com/en-ca/HT209044.

A portion of the proceeds from every (PRODUCT)RED™ purchase will go to the Global Fund to fight AIDS in Africa