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High-end smartphones

Model	iPhone 11 Pro	Max Pixel 4 XL	P30 Pro	G8X ThinQ	7T	Galaxy S10+	Xperia 1	MI 9T Pro
Fabrikant	Apple	Google	Huawei	LG	OnePlus	Samsung	Sony	Xiaomi
Processor (cores) / graphics	Apple A13 Bionic (6 / 2,2,66 GHz, 4 × 1,8 GHz) / Apple A13	Qualcomm Snapdragon 855 (1 × 2,9 GHz, 3 × 2,4 GHz, 4 × 1,8 GHz) / Qualcomm Adreno 640	Huawei Kirin 980 (2 × 2,6 GHz, 2 × 1,9 GHz, 4 × 1,8 GHz) / ARM Mali-G76	Qualcomm Snapdragon 855 (1 × 2,9 GHz, 3 × 2,4 GHz, 4 × 1,8 GHz) / Qualcomm Adreno 640	Qualcomm Snapdragon 855 Plus (1 × 3 GHz, 3 × 2,4 GHz, 4 × 1,8 GHz) / Qualcomm Adreno 640	Samsung Exynos 9 Octa (2 × 2,7 GHz, 4 × 2 GHz, 2 × 2,3 GHz) / ARM Mali-G76	Qualcomm Snapdragon 855 (1 × 2,9 GHz, 3 × 2,4 GHz, 4 × 1,8 GHz) / Qualcomm Adreno 640	Qualcomm Snapdragon 855 (1 × 2,9 GHz, 3 × 2,4 GHz, 4 × 1,8 GHz) / Qualcomm Adreno 640
Wifi / 5 GHz / dual-band	Wi-Fi 6 / ✓ / ✓	Wi-Fi 5 / ✓ / ✓	Wi-Fi 5 / ✓ / ✓	Wi-Fi 5 / ✓ / ✓	Wi-Fi 5 / ✓ / ✓	Wi-Fi 6 / ✓ / ✓	Wi-Fi 5 / ✓ / ✓	Wi-Fi 5 / ✓ / ✓
Bluetooth / NFC / locatiebepaling	5.0 / ✓ (beperkt) / GPS, Glonass, Galileo	5.0 aptX HD / ✓ / GPS, Glonass, Galileo, Beidou	5.0 aptX HD / ✓ / GPS, Glonass, Beidou	5.0 aptX HD / ✓ / GPS, Glonass, Galileo, Beidou	5.0 aptX HD / ✓ / GPS, Glonass, Galileo, Beidou	5.0 aptX HD / ✓ / GPS, Glonass, Galileo, Beidou	5.0 aptX HD / ✓ / GPS, Glonass, Galileo, Beidou	5.0 aptX HD / ✓ / GPS, Glonass, Galileo, Beidou
Vingerafdruksensor	-	-	in display	in display	in display	in display	in rand behuizing	in display
Mobiele data/ SAR-waarde	LTE Cat. 19 / 0,95 W/kg	LTE Cat. 18 / 1,17 W/kg	LTE Cat. 21/18 / 0,64 W/kg	g. o. / 0,265 W/kg	Cat. 18/13 / 1,07 W/kg	LTE Cat. 20 / 0,516 W/kg	LTE Cat. 19/13 / 1,12 W/kg	Cat.12/13 / 1,302 W/kg
Dual-sim / microSD / eSIM	✓ (alleen via eSIM) / - / ✓	✓ (alleen via eSIM) / - / ✓	✓ / - / -	✓ / - / -	✓ / - / -	✓ / - / -	✓ / - / -	✓ / - / -
Accu / verwisselbaar / draadloos laden	3969 mAh / - / ✓	3700 mAh / - / ✓	4200 mAh / - / ✓	4000 mAh / - / ✓	3800 mAh / - / -	4000 mAh / - / ✓	3330 mAh / - / - 4	4000 mAh / - / -
Usb-aansluiting / headphonejack	Lightning / -	USB type-C 3.1 / -	USB type-C 3.1 / -	USB type-C 3.1 / ✓	USB type-C (3.1) / -	USB type-C 3.1 / ✓	USB type-C 3.1 / -	USB type-C (2.0) / ✓
Afmetingen (h × b × d) / gewicht / IP-rating	15,8 cm × 7,8 cm × 1 cm / 226 g / IP68	16 cm × 7,5 cm × 0,9 cm / 193 g / IP68	15,8 cm × 7,3 cm × 1 cm / 190 g / IP68	15,9 cm × 7,6 cm × 0,8 cm / 191 g / IP68	16,1 cm × 7,4 cm × 1 cm / 190 g / -	15,7 cm × 7,4 cm × 0,9 cm / 198 g (keramische versie) / IP68	16,7 cm × 7 cm × 0,8 cm / 175 g / IP65/68	15,7 cm × 7,5 cm × 0,9 cm / 195 g / -
Camera								
Resolutie / diafragma / OIS	12 megapixel / f/1,8 / ✓	12,2 megapixel / f/1,7 / ✓	39,9 megapixel / f/1,6 / ✓	12 megapixel / f/1,8 / ✓	48 megapixel / f/1,6 / ✓	12,2 megapixel / f/1,5 ⊕ 2,4 / ✓	12 megapixel / f/1,6 / ✓	48 megapixel / f/1,8 / -
Zoom-resolutie / diafragma / OIS (soort)	12 megapixel / f/2 / ✓ (tweevoudig)	16 megapixel / f/2,4 / ✓ (tweevoudig)	8 megapixel / f/3,4 / ✓ (vijfvoudig)	-	12 megapixel / f/2,2 / ✓ (tweevoudig)	12,2 megapixel / f/2,4 / ✓ (tweevoudig)	12 megapixel / f/2,4 / ✓ (tweevoudig)	8 megapixel / f/2,4 / - (tweevoudig)
Ultragroothoek-resolutie / diafragma / OIS	12 megapixel / f/2,4 / -	-	20 megapixel / f/2,2 / -	13 megapixel / f/2,4 / -	16 megapixel / f/2,2 / -	16 megapixel / f/2,2 / -	12 megapixel / f/2,4 / -	13 megapixel / f/2,4 / -
Frontcamera-resolutie / diafragma	12 megapixel / f/2,2	8 megapixel / f/2	32 megapixel / f/2,3	2 megapixel / f/1,9	16 megapixel / f/2	10 megapixel / f/1,9	8 megapixel / f/2	20 megapixel / f/2,2
Display								
Techniek / refreshrate	6,5-inch oled / 60 Hz	6,3-inch oled / 90 Hz	6,5-inch oled / 60 Hz	6,4-inch oled / 60 Hz	6,55-inch oled / 90 Hz	6,4-inch oled / 60 Hz	6,5-inch oled / 60 Hz	6,4-inch oled / 60 Hz
Resolutie (pixeldichtheid)	2688 × 1242 pixels (458 dpi)	3040 × 1440 pixels (536 dpi)	2340 × 1080 pixels (399 dpi)	2340 × 1080 pixels (404 dpi)	2400 × 1080 pixels (406 dpi)	3040 × 1440 pixels (525 dpi)	3840 × 1644 pixels (646 dpi)	2340 × 1080 pixels (404 dpi)
Helderheidsbereik / verlichting	1,7 ... 810 cd/m² / 93 %	1,8 ... 384 cd/m² / 95 %	1,7 ... 670 cd/m² / 94 %	2,8 ... 683 cd/m² / 93 %	1,9 ... 740 cd/m² / 95 %	2 ... 830 cd/m² / 95 %	1,63 ... 673 cd/m² / 98 %	2,1 ... 663 cd/m² / 93 %
Beoordeling								
Bediening / performance	⊕ / ⊕⊕	⊕ / ⊕⊕	⊕ / ⊕⊕	⊕⊕ / ⊕⊕⊕	⊕ / ⊕⊕	⊕⊕ / ⊕⊕	⊕ / ⊕⊕	⊕ / ⊕⊕
Display / accu	⊕⊕ / ⊕⊕	⊕ / ○	⊕ / ⊕⊕	⊕ / ⊕⊕	⊕⊕ / ⊕⊕	⊕⊕ / ⊕	⊕⊕ / -	⊕ / ⊕⊕
Camera foto's / video's	⊕⊕ / ⊕⊕	⊕⊕ / ⊕	⊕⊕ / ⊕	○ / ⊕	⊕ / ⊕	⊕⊕ / ⊕	⊕ / ⊕	○ / ○
Prijs	€ 1160 (64 GB), € 1330 (256 GB), € 1560 (512 GB)	€ 650 (64 GB), € 760 (128 GB)	€ 600 (128 GB), € 700 (256 GB)	€ 680	€ 550	€ 710 (128 GB), € 770 (512 GB), € 950 (1 TB, 12 GB RAM)	€ 650	€ 410 (64 GB), € 450 (128 GB)

⊕⊕ zeer goed ⊕ goed ○ voldoende ⊖ slecht ⊖⊖ zeer slecht ✓ aanwezig - niet aanwezig g.o. geen opgave