

COLOUR	Graphite Black Garnet Red Iolite Silver
Summary	
PRICE	XQGE54S.GC
Size	
DIMENSIONS	162 x 74 x 8.3 mm
Weight	
WEIGHT	200 g
Display	
DISPLAY SIZE	6.5" 19.5:9
DISPLAY RESOLUTION	FHD+ HDR OLED (1080 x 2340)
FEATURES	120 Hz Refresh rate ¹ , Creator mode, DCI-P3 100%, ITU-R BT.2020 (REC.2020) ² , Illuminant D65 White point, 10 bit tonal gradation ³ , Powered by BRAVIA™, Sunlight Vision, Light Sensor (Front / Rear)
IMAGE PLAYBACK FORMAT	JPEG, GIF, PNG, BMP, WebP, WBMP, HEIF, DNG, CR2, NEF, NRW, ARW, RW2, ORF, RAF, PEF, SRW, AVIF
VIDEO PLAYBACK FORMAT	H.263, H.264, H.265, MPEG-4 Video, AV1, VP8, VP9
Durability	
WATER RESISTANT	Water resistant (IPX5 / IPX8) ⁴ , Dust proof (IP6X) ⁴
DURABILITY	Corning® Gorilla® Glass Victus® 2 (Front), Corning® Gorilla® Glass Victus® (Rear)
Rear Camera (1)	
RESOLUTION	52 MP (Full aspect) / 48 MP (Effective)
SENSOR SIZE	1/1.35" Exmor T™ for mobile sensors
PIXEL PITCH	2.24 µm (12 MP binning size)
APERTURE	F1.9
FOCAL LENGTH	24 mm
FIELD OF VIEW	84°
Rear Camera (2)	
RESOLUTION	50 MP (Full aspect) / 48 MP (Effective) / 12 MP (Still image recording)
SENSOR SIZE	1/1.56" Exmor RS™ for mobile sensors
PIXEL PITCH	2.0 µm (12 MP binning size)
APERTURE	F2.8
FOCAL LENGTH	70 mm
FIELD OF VIEW	34°
Rear Camera (3)	
RESOLUTION	50 MP (Full aspect) / 48 MP (Effective) / 12 MP (Still image recording)
SENSOR SIZE	1/1.56" Exmor RS™ for mobile sensors
PIXEL PITCH	2.0 µm (12 MP binning size)
APERTURE	F2.0
FOCAL LENGTH	16 mm
FIELD OF VIEW	104°
Camera Features	
PHOTOGRAPHY FEATURES	ZEISS® quality lenses calibrated specifically for Xperia 1 VIII, 120 fps read out speed, Up to 30 fps AF/AE burst, Up to 60 times per second continuous AF/AE calculation, Real-time Eye AF (Human, Animal), Real-time Tracking, Hybrid zoom 17.5x (based on Wide camera 24 mm), HDR (High Dynamic Range) photo, Night shooting function, Creative look, Powered by Alpha™, Pose estimation, Bokeh, Pro Photo, AI Camera Assistant
IMAGE CAPTURE FORMAT	JPEG (.jpg), RAW (.dng) ⁶
VIDEOGRAPHY FEATURES	4K HDR Video recording 24, 30, 60 and 120 fps, Optical SteadyShot™ with FlawlessEye™ ⁷ , Object tracking, Eye AF, Creative look, S-Cinetone for mobile, Pose estimation, Pro Video, Bokeh Video, AI Camerawork, Auto Framing
VIDEO RECORDING FORMAT	.mp4 (H.264, H.265)

Front Camera (1)	
RESOLUTION	12 MP
SENSOR SIZE	1/2.9" Exmor RS™ for mobile sensor
PIXEL PITCH	1.22 μm
APERTURE	F2.0
FOCAL LENGTH	24 mm
FIELD OF VIEW	83°
FEATURES	HDR (High Dynamic Range) photo, Night shooting function (Photo), Creative look, S-Cinetone for mobile (Video), Hand shutter (Photo)
Audio	
HI-RES	Hi-Resolution Audio, High-Resolution Audio Wireless (LDAC) ⁸
OTHER FEATURES	3.5 mm audio jack, 360 Reality Audio Certified ⁹ ¹⁰ , 360 Reality Audio Upmix ¹¹ , Full-stage stereo speakers, Dolby Atmos [®] ¹² , DSEE Ultimate, Stereo Recording, Qualcomm [®] aptX™ Adaptive ¹³ , Powered by WALKMAN [®]
PLAYBACK FORMAT	AAC-LC, AAC+, eAAC+, AAC-ELD, AMR-NB, AMR-WB, FLAC, MP3, MIDI, Vorbis, PCM, Opus, Dolby Atmos, Dolby AC-4, 360 Reality Audio Music Format
RECORDING FORMAT	AAC-LC, AAC+, AAC-ELD, AMR-NB, AMR-WB
Game	
FEATURES	PS Remote Play ¹⁴ , DUALSHOCK [®] 4 / DualSense™ compatibility ¹⁵ , Game enhancer, FPS Optimizer, 240 Hz Touch scanning rate ¹
Memory & Storage	
RAM	12 GB
INTERNAL MEMORY	256 GB UFS ¹⁶
EXTERNAL MEMORY	microSDXC support (up to 2 TB) ¹⁷
SIM Capability	
NUMBER OF SIM	Dual SIM
SIM TYPE	nanoSIM + eSIM / eSIM + eSIM ¹⁸
Operating System	
VERSION	Android™ 16 ¹⁹ / 4 upgrades of OS / 6 years of security updates
Processor	
CPU	Snapdragon [®] 8 Elite Gen 5 Mobile Platform ¹³
Battery	
CAPACITY	5000 mAh ²⁰
CHARGING TYPE	USB Power Delivery (USB PD) fast charging ²¹
OTHER FEATURES	Xperia Adaptive Charging, Battery Care, STAMINA Mode, Qi Wireless charging ²² , Battery Share function ²³
Eco and Energy Saving	
POWER CONSUMPTION (OFF MODE)	Not available
POWER CONSUMPTION (STANDBY MODE)	0.5 W
POWER CONSUMPTION (NETWORKED STANDBY MODE)	2.0 W (Wi-Fi, Bluetooth [®] , Cellular) / 7.0 W (Hotspot as equipment with HiNA functionality) / 5.0 W (All terminals and networks connected)
STANDBY MODE ACTIVATED	Within 20 minutes
NETWORKED STANDBY MODE ACTIVATED	Within 20 minutes
Networks	
2G BAND	850, 900, 1800, 1900 ²⁴
3G BAND	2100 (Band1), 1900 (Band2), 1700 (Band4), 850 (Band5), 900 (Band8) ²⁴
4G BAND	1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 19, 20, 25, 26, 28, 32, 34, 38, 39, 40, 41, 66 ²⁴
5G BAND	[NSA] n1, n3, n5, n7, n8, n20, n28, n38, n40, n41, n75, n77, n78, n79 [SA] n1, n3, n5, n7, n8, n20, n28, n38, n40, n41, n75, n77, n78, n79 ²⁴
Connectivity	

Wi-Fi	Wi-Fi 4 / Wi-Fi 5 / Wi-Fi 6 / Wi-Fi 6E / Wi-Fi 7, IEEE802.11a/b/g/n/ac/ax/be, 2.4/5/6 GHz ²⁵
LOCATION	A-GPS, A-GLONASS, BeiDou, Galileo, QZSS ²⁶
BLUETOOTH	Bluetooth® 6.0 or later wireless technology, Bluetooth® LE Audio, Bluetooth® SBC codec, Bluetooth® AAC codec, Auracast™
USB TYPE	Type-C®
USB VERSION	SuperSpeed USB 5 Gbps (USB 3.2) ²⁷
OTHER FEATURES	Smart connectivity, Google Cast ²⁸ , NFC, Output video/image via Display Port support Type-C® Cable or Type-C® to HDMI Adapter Cable (Display port 4K/60 fps) ²⁹
Sensors	
SENSOR TYPE	Fingerprint sensor
Accessibility	
ACCESSIBILITY	Hearing Aid Compatibility (HAC) ³⁰ , Teletypewriter (TTY) ³¹ , Real-time text (RTT) ³¹ /SERVICES: Live Transcribe, Sound notifications /SCREEN READERS: Select to Speak, TalkBack, Text-to-speech output /DISPLAY: Font size, Display size, Bold text, Dark theme, Magnification, Colour correction, Colour inversion, Extra dim, Remove animations /INTERACTION CONTROLS: Accessibility Menu, Switch Access, Power button ends call, Auto-rotate screen, Touch and hold delay, Time to take action (Accessibility timeout), Vibration and haptics, Voice Access, Navigation mode, One-handed mode, Cursor and touchpad accessibility, Physical keyboard options /AUDIO & ON-SCREEN TEXT: Audio description, Camera flash notification, Screen flash notification, Mono audio, Audio balance, Hearing Access Profile (HAP), Audio Streaming for Hearing Aids (ASHA), Caption preferences, Live Caption /EXPERIMENTAL: Outline text, Accessibility button, Volume keys shortcut from lock screen