Sony PDT-FP1 5G Portable Data Transmitter Specification

Sony PDT-FP1 5G Portable Data Transmitter

Dimension	Approx. 170.0 mm x 80.0 mm x 26.6 mm (HxWxD)
Dimension	Approx. 6.7 inch x 3.2 inch x 1.1 inch (HxWxD)
Weight	Approx. 308 g
Weight	Approx. 10.9 oz.
OS	Android™ 13 [vfn_1]
CPU	Snapdragon® 8 Gen 2 Mobile Platform [vfn_2]
Internal memory (RAM/ROM)	8 GB / 256 GB [vfn_3]
External memory	Up to 1 TB (microSD/microSDHC/microSDXC) [vfn_4][vfn_5]
Battery	Lithium-ion battery (5000 mAh)
2D Code Scanner	Yes
SIM type	nanoSIM / eSIM [vfn_6]
Dual SIM specification	DSDS
Bluetooth	Bluetooth® 5.3 wireless technology
Display	OLED (1080x2520), 6.1 inch
Speaker	Yes
GPS	A-GPS, A-GLONASS, Beidou, Galileo, QZSS [vfn_7]
Wi-Fi®	IEEE802.11a/b/g/n/ac/ax, 2.4/5/6GHz [vfn_7]
Wi-Fi tethering max. number of clients	Up to 10 devices
LTE Band	1, 2, 3, 4, 5, 7, 8, 11, 12, 13, 17, 18, 19, 20, 21, 25, 26, 28, 29, 30, 32, 34, 38, 39, 40, 41, 42, 46, 48, 66, 71 [vfn_8]
5G (Sub6) Band	NSA: n1, n2, n3, n5, n7, n8, n20, n25, n28, n30, n38, n40, n41, n66, n71, n77, n78, n79 [vfn_8] SA: n1, n2, n3, n5, n7, n8, n20, n25, n28, n38, n40, n41, n48, n66, n71, n77, n78, n79 [vfn_8]
5G (mmWave) Band	n257, n258, n260, n261 [vfn_8]
Maximum throughput (5G)	Uplink: Up to 1.1 Gbps / Downlink: Up to 8.1 Gbps [vfn_9][vfn_10]
USB Type-C® terminal (Data transfer)	USB Type-C® (SuperSpeed USB 5 Gbps (USB3.2))
USB Type-C® terminal (CHARGE)	USB Type-C®
HDMI® connector	Type-A: <YCbCr 4:4:4 / 4:2:2 / RGB> 3840x2160 (60p/50p/30p/25p/24p), 1920x1080 (60p/50p/30p/25p/24p), 1280x720(60p/50p/30p/25p/24p), 720x480 (60p), 720x576 (50p), 640x480 (60p) [vfn_11]
LAN terminal	10BASE-T, 100BASE-TX, 1000BASE-T
Type	DC FAN
Thickness of fan	Approx. 5.0 mm (Approx. 0.2 inch)
Air flow	Approx. 51 L/min [vfn_12]
Size	Approx. 37.15 mm x 19.3 mm x 7.3 mm (Approx. 1.5 inch 0.8 inch 0.3 inch)
Power delivery	Yes (USB Power Delivery)[vfn_13]
Charging time	Approx. 115 minutes [vfn_14][vfn_15]
Operating time (FTP transfer via USB in LTE)	Approx. 4 hours [vfn_16][vfn_17]
Operating time (Video upload via HDMI)	Approx. 2 hours [vfn_17][vfn_18]
Standby time (LTE)	Approx. 600 hours [vfn_17][vfn_19]
Standby time (5G SA)	Approx. 450 hours [vfn_17][vfn_19]
Operating Temperature	0 - 40 ℃ / 32 - 104 °F
Supplied Accessory	-
Accessibility	Select to Speak, TalkBack, Text-to-speech output, Font size, Display size, Dark theme, Magnification, Colour correction, Colour inversion, Large mouse pointer, Remove animations, Accessibility Menu, Switch Access, Click after mouse pointer stops moving, Auto-rotate screen, Touch & hold delay, Time to take action (Accessibility timeout), Vibration & haptic strength, System navigation, Mono audio, Audio balance, Caption preferences, High contrast text, Shortcut from lock screen

*1	Android™ is a trademark of Google LLC.
*2	Qualcomm and Snapdragon are trademarks of Qualcomm Incorporated, registered in the United States and other countries and regions.
*3	Firmware and preloaded applications take up a portion of internal storage, with the remainder available for user-selected content. Measurement made at time of product announcement and may vary per market. As software updates may change the available internal storage, internal memory may vary depends on market.
*4	Sold separately.
*5	microSD, microSD logo and microSDHC logo are trademarks of SD-3C LLC.
*6	eSIM service availability and condition may vary depending on the countries, regions and carrier.
*7	This service is not available in all variants or markets.
*8	Availability may vary depending on countries/regions, carrier, software version and user environment.
*9	Theoretical value. Performance is subject to environment and conditions.
*10	Actual throughput depends on network condition.
*11	Recommended to use a Premium High Speed HDMI Cable with Ethernet manufactured by Sony.
*12	Measured values in Sony measurement environment.
*13	Recommend to use Sony designed chargers and cables.
*14	When charging with the optional AC adapter (XQZ-UC1) supporting 30W quick charge.
*15	Charging time depends on settings and environmental conditions and actual results may vary.
*16	When using Transfer & Tagging app for file transfer. Sony measurement.
*17	Operating time depends on settings and environmental conditions and actual results may vary.
*18	When using an external monitor app for video upstreaming. Sony measurement.
*19	Measured based on GSMA TS.09 operating time measurement method (Ver.12.0). Sony measurement.