

PDT-FP1

Portable data transmitter with 5G, mmwave and sub6 for high-speed transmission of video and still images



Specifications

| General | |
|---------------------------|--|
| Dimension | Approx. 170.0 mm x 80.0 mm x 26.6 mm (HxWxD) Approx. 6.7 inch x 3.2 inch x 1.1 inch (HxWxD) |
| Weight | Approx. 308 g Approx. 10.9 oz. |
| OS | Android™ 13*1 |
| CPU | Snapdragon® 8 Gen 2 Mobile Platform*2 |
| Internal memory (RAM/ROM) | 8 GB / 256 GB*3 |
| External memory | Up to 1 TB (microSD/microSDHC/microSDXC)*4*5 |
| Battery | Lithium-ion battery (5000 mAh) |

| | |
|------------------------|---|
| 2D Code Scanner | Yes |
| SIM type | nanoSIM / eSIM*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*7 |

Network

| | |
|--|--|
| Wi-Fi® | IEEE802.11a/b/g/n/ac/ax, 2.4/5/6GHz*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*8 |
| 5G (Sub6) Band | NSA: n1, n2, n3, n5, n7, n8, n20, n25, n28, n30, n38, n40, n41, n66, n71, n77, n78, n79*8 SA: n1, n2, n3, n5, n7, n8, n20, n25, |

n28, n38, n40, n41, n48, n66, n71,
n77, n78, n79*8

| | |
|------------------|--------------------------|
| 5G (mmWave) Band | n257, n258, n260, n261*8 |
|------------------|--------------------------|

| | |
|-------------------------|--|
| Maximum throughput (5G) | Uplink: Up to 1.1 Gbps / Downlink: Up to 8.1 Gbps*9*10 |
|-------------------------|--|

Input interface

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|--------------------------------------|--|
| 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)*11 |
|-----------------|---|

| | |
|--------------|----------------------------------|
| LAN terminal | 10BASE-T, 100BASE-TX, 1000BASE-T |
|--------------|----------------------------------|

Cooling fan

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|------|--------|
| Type | DC FAN |
|------|--------|

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|------------------|-----------------------------------|
| Thickness of fan | Approx. 5.0 mm (Approx. 0.2 inch) |
|------------------|-----------------------------------|

| | |
|----------|---------------------|
| Air flow | Approx. 51 L/min*12 |
|----------|---------------------|

Heat sync

| | |
|------|--|
| Size | Approx. 37.15 mm x 19.3 mm x 7.3 mm (Approx. 1.5 inch 0.8 inch 0.3 inch) |
|------|--|

Power

| | |
|----------------|-----------------------------|
| Power delivery | Yes (USB Power Delivery)*13 |
|----------------|-----------------------------|

| | |
|---------------|---------------------------|
| Charging time | Approx. 115 minutes*14*15 |
|---------------|---------------------------|

| | |
|--|-----------------------|
| Operating time (FTP transfer via USB in LTE) | Approx. 4 hours*16*17 |
|--|-----------------------|

| | |
|--|-----------------------|
| Operating time (Video upload via HDMI) | Approx. 2 hours*17*18 |
|--|-----------------------|

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|--------------------|-------------------------|
| Standby time (LTE) | Approx. 600 hours*17*19 |
|--------------------|-------------------------|

| | |
|----------------------|-------------------------|
| Standby time (5G SA) | Approx. 450 hours*17*19 |
|----------------------|-------------------------|

Operating Temperature

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|-----------------------|-------------------------|
| Operating Temperature | 0 - 40 °C / 32 - 104 °F |
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Supplied Accessory

Supplied Accessory -

Accessibility

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

Notes

*1

Android™ is a trademark of Google LLC.

Qualcomm and Snapdragon are

*2 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.

Related products



PXW-Z280

World's first 4K Handheld Camcorder with 1/2-type 3CMOS with 4K 50p/60p recording capability, 12G-SDI, Dual Link Cellular capability, 17x zoom lens, advanced Face Detection AF



PXW-Z750

4K 2/3-type 3-chip CMOS Shoulder-mount Camcorder with global shutter, high sensitivity, 4K/HD simultaneous recording, 120p HFR in HD, 12G-SDI and advanced wireless workflow capabilities

Gallery



