

Items	Specifications	Remarks	
External dimensions	Width × depth × height	300 × 300 × 150 [mm]	
Body weight	Including battery	Approx. 4.0 kg	
	Excluding battery	Approx. 2.7 kg	
Total weight	Including carry case and accessories	Approx. 8.3 kg	
Housing material	Top cover	AES	
	Main frame	Magnesium die casting	
	Bottom case	Magnesium die casting	
External I/F	USB connector	USB3.1 × 1	For data exchange
		USB2.0 × 1	Waterproof connector for external radio connection
	SD card slot	UHS-I SDR104	Standard size card slot for data import
	SIM card slot	Nano SIM	
	LAN port		
Mounting	Top cover	Adapter plate	Optional for Ground Control Point
	Bottom case	3/8 inch mount	Compatible with traditional survey mounts
System on Module	Jetson Xavier NX		
	GPU	384コア NVIDIA Volta, 48 Tensor core	
	CPU	6コア NVIDIA Carmel ARM v8.2 64 bit, 6 MB L2+4 MB L3	
	RAM	16 GB 128 bit LPDDR4x 59.7 GB/Sec	
	EMMC	16 GB	
Storage	SSD	256 GB	Of which 200 GB available for processing
Network	Wired LAN	10/100/1000 BASE-T	
	Wireless LAN	2.4 GHz 802.11b/g/n	
	LTE	LTE-FDD : B1/B2/B3/B4/B5/B7/B8/B12/ B13/B18/B19/B20/B25/B26/B28 LTE-TDD : B38/B39/B40/B41 WCDMA : B1/B2/B4/B5/B6/B8/B19 GSM : 850/900/1800/1900	Overseas SIM free
GNSS	GPS	L1C/A, L2C	
	QZSS	L1C/A, L2C	
	GLONASS	L10F, L20F	
	Galileo	E1B/C, E5b	
	BeiDou	B1I, B2I	
Temperature range	Operating	-20°C ~ 50°C	Active cooling provided by onboard fans
	Charging	0°C ~ 45°C	
	Storage	-20°C ~ 50°C	
Power	Source	Sony Airpeak S1 batteries (37 V / 2518 mAh) x2	Hotswapping enabled
	Input voltage	19.5 V DC	
	Standard consumption	13.3 W	When broadcasting RTK correction data via LTE modem
	Maximum consumption	87.5 W	When generating a point cloud while charging the batteries
	Electrostatic resistance	±8 kV	
	Operating hours	Approx. 12 hours	When broadcasting RTK correction data via LTE modem
	Charging hours	Approx. 5 hours	Charging with EdgeBox and attached power cable
Dust-/water-proof performance	IP65 or equivalent	Tested by a third party	