

temi PLATFORM Specs

	PARAMETER	VALUES
WEIGHT	Self weight total	30Kg
	(with payload)	90Kg
MECHANICAL	System Outer Diameter	50cm
	System Height	32cm
	Lidar Height	23.8cm
MAPPING	Max map size	15000-20000m ²
	No. of locations	~1000(maximum)
FLOOR-CONDITION	Max Step climbing	0.8cm
	Max Slope angle	<5°
	Max gap crossing	4cm (static)/
		6cm (at 1m/s)
MOVEMENT	Max Linear speed	1m/s
	Spin Radius	0cm
	Location accuracy	10cm
WHEELS	Hub Wheel Diameter	15cm
	Castor Wheel Diameter	7.5cm
SENSING	Height obs detection range	12-150cm
	Ground obs detection range	2-120cm
	Min ground obs height	2cm
	Min cliff detection height	2cm
	Lidar range	0-40m



robo
solutions

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THE PERSONAL ROBOT



	PARAMETER	VALUES
PLATFORM BATTERY	Working time - Normal usage	8Hrs
	Working time - heavy usage	4-5Hrs
	Standby	18Hrs
	Charging 0-100% powered ON	5Hrs
	Charging 0-100% powered OFF	4Hrs
	Cell type	Li-Ion
	Output range	19-20.16V
	Capacity	20.8Ah
	Charging voltage	29.4V
PLATFORM EXTERNAL BATTERY	Working time	5Hrs
	Charging 0-100% powered ON	3.5Hrs
	Charging 0-100% powered OFF	4Hrs
	Cell type	Li-Ion
	Output range	17.5-29.4V
	Capacity	40Ah
	Charging voltage	29.4V
HARDWARE INTERFACE + REMOTE ACCESS	Connection to Motherboard	USB, 5V 2A connection to ROBOX
	Power Supply	12V 1.2A output
	SDK	Check official website
	Web Center	Temi Center
FLOOR-CONDITION	Dimension	28cm(H) * 33cm(W) * 20cm(L)
	Weight	3.6KG
	Rated Input	AC 100~240V 15A Max
	Rated Output	DC 29.4V 20A