

MT1, MT1 Vac, MT1 Max Comparison



Product			
	PUDU MT1	PUDU MT1 Vac	PUDU MT1 Max
Dimensions	840 × 600 × 490 mm (33*23.6*19.3 in)	840 × 600 × 490 mm (33*23.6*19.3 in)	840 × 600 × 675mm (33*23.6*26.6 in)
Color	Black	Black	Black
Cleaning Capability	Sweeping	Sweeping, Vacuuming, Dust-mopping	Sweeping
AI Spot Cleaning	√	√	√
AI Adaptive Cleaning	√	√	√
AI Cleaning Performance Detection	√	√	√
Navigation	LiDAR SLAM + Marker + VSLAM	LiDAR SLAM + Marker + VSLAM	3D LiDAR SLAM + Marker + VSLAM
Battery Capacity	45 Ah	60 Ah	60 Ah
Charging Time	About 3 h	< 3.5 h	< 3.5 h
Run-time	4~8 h	3 ~ 6.5 h (standard sweep and vacuum mode on hard floors: 4 h)	5~10 h Standard Mode: 8 h
Cleaning Efficiency	Max. 1800 m ² /h (19,375 ft ² /h)	Max. 1400 m ² /h (15,069.5 ft ² /h)	Max. 2200 m ² /h (23680.6 ft ² /h)
Auto Charging	√ (requires optional charging station)	√ (requires optional charging station)	√ (requires optional charging station)
Dustbin Capacity	/	14 L (7 L*2) 3.7 US gal (1.85 US gal*2)	/
Trash Bin Capacity	35 L (9.25 US gal)	6 L (1.585 US gal)	35 L (9.25 US gal)
IP Rating	IPX3	IPX3	IP54
IEC 63327 Certification	√	√	√
Computing Platform	Single-SoC Architecture	Single-SoC Architecture	Dual-SoC Architecture
Sensors	LiDAR ×1, VSLAM Cam ×1, RGBD ×3, RGB ×2, Line Laser ×3	LiDAR ×1, VSLAM Cam ×1, RGBD ×3, RGB ×2, Line Laser ×3	3D LiDAR ×1, LiDAR ×1, VSLAM Cam ×1, RGBD ×3, RGB ×2, Line Laser ×3
Optional Charging Station	√	√	√