

Category	 PUDU CC1	 PUDU CC1 New	 PUDU CC1 Pro
Dimensions	629 x 552 x 695 mm (24.76 x 21.73 x 27.36 in)	629 x 552 x 695 mm (24.76 x 21.73 x 27.36 in)	629 x 552 x 695 mm (24.76 x 21.73 x 27.36 in)
Product Color	Green, Black	Green, Black	Green, Black
Cleaning Capabilities	Sweeping, (Carpet) Vacuuming, Dust Mopping, Scrubbing	Sweeping, (Carpet) Vacuuming, Dust Mopping, Scrubbing	Sweeping, (Carpet) Vacuuming, Dust Mopping, Scrubbing
AI Spot Scrubbing	—	—	√
AI Adaptive Cleaning Power	—	—	√
AI Real-Time Cleaning Effect Detection	—	—	√
AI Cleaning Mechanism Status Monitoring	—	—	√
Navigation	LiDAR SLAM and Maker SLAM	LiDAR SLAM, Maker SLAM &VSLAM	LiDAR SLAM, Maker SLAM &VSLAM
Battery Capacity	50 Ah	50 Ah	50 Ah
Charging Time	3h	3h	3h
Run-time	Scrubbing: 5h; Sweeping & Vacuuming: 5h; Carpet Vacuuming: 4h; SilentMopping: 9h	Scrubbing: 5h; Sweeping & Vacuuming: 5h; Carpet Vacuuming: 4h; SilentMopping: 9h	Scrubbing: 5h; Sweeping & Vacuuming: 5h; Carpet Vacuuming: 4h; SilentMopping: 9h
Cleaning Efficiency	700-1000 m ² /h (837.19-1195.99 yr ² /h)	700-1000 m ² /h (837.19-1195.99 yr ² /h)	700-1000 m ² /h (837.19-1195.99 yr ² /h) (All-covered Cleaning) 1500-3000 m ² /h (1,793.99–3,587.97 yd ² /h) (Spot Cleaning)
Auto Charging & Water Refill/Drain	√ (Optional docking station required)	√ (Optional docking station required)	√ (Optional docking station required)
Dustbin Capacity	2.5 L (0.66 gal) / 6 L (1.59 gal) (Dust bag)	2.5 L (0.66 gal) / 6 L (1.59 gal) (Dust bag)	2.5 L (0.66 gal) / 6 L (1.59 gal) (Dust bag)
Water Tank Capacity	Clean Water Tank: 15 L (3.96 gal), Dirty Water Tank: 15 L (3.96 gal)	Clean Water Tank: 15 L (3.96 gal), Dirty Water Tank: 15 L (3.96 gal)	Clean Water Tank: 15 L (3.96 gal), Dirty Water Tank: 15 L (3.96 gal)
IEC 63327 Certification	—	—	√
Computing Platform	RK 3399	RK 3588S	RK 3588S
Sensors	Marker Camera RGBD LiDAR Rear RGB Camera Rear Single-Line Sensor Ultrasonic Sensor	VSLAM Fisheye Camera RGBD LiDAR Rear RGB Camera Rear Single-Line Sensor Ultrasonic Sensor	VSLAM Fisheye Camera RGBD LiDAR Front RGB Camera Rear RGB Camera Front Single-Line Sensor Rear Single-Line Sensor Ultrasonic Sensor
Optional Docking Station	√	√	√
Optional Charging Station	√	√	√
Optional Self-Cleaning Roller Brush	Compatible	Compatible	Compatible
Regular Roller Brush	Previous Version, Compatible with Latest Version	Latest Version	Latest Version
Drain Hole	4 Ports (Standard)	4 Ports (Standard) 8 Ports (Optional)	4 Ports (Standard) 8 Ports (Optional)
Dirty Water Tank Air Duct Structure	Previous Version	Latest Version	Latest Version
Sewage Suction Pipe	Previous Version	Latest Version	Latest Version
HEPA Filter	Previous Version	Latest Version	Latest Version
Dustbin Presence Detection	—	√	√
Water Filter Box Presence Detection	—	√	√