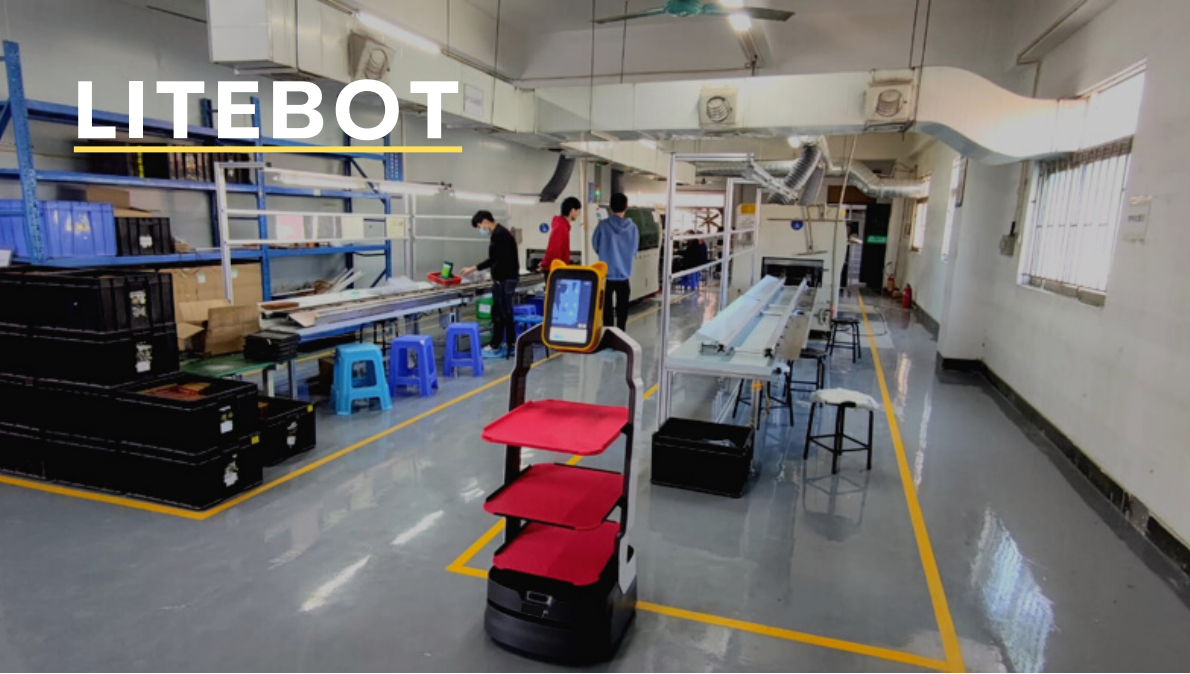


# LITEBOT



"liteBot, is an efficient **delivery robot** for **economic lighter solution**. It is easy to use **without any technical background or code writing**. In all, liteBot is **user-friendly** and ready to use for every customer within **any industry**.



## Strong AI

We deliver the most advanced artificial intelligence among delivery robots. liteBot is able to do tasks and solve problems that usually require hard labor. Paired with a powerful QUALCOMM snapdragon® processor, Delibot is able to maneuver objects effortlessly and fluidly by scanning the surrounding.

## See Clearly, Walk Steadily

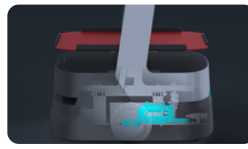
Excellent 3D depth detection reduces the risk that liteBot will enter a restricted area by mistake. liteBot can rapidly scan the surrounding environment and return the sensing signal with zero delay, allowing it to safely avoid obstacles, travel steadily, and navigate accurately.





### Advanced Dual Slam Solution

It allows our delivery robot to recognize obstacles and it automatically corrects its walking route to avoid obstacles.



### Solid and stable chassis

Equipped with a Lidar sensing system, a depth camera & advanced suspension system we ensure strong performance, balanced movement, and smooth navigation.



### Microphone and Speaker

6-microphone ring array, 360° coverage, effective within 5m, accurate pickup, clear and human tone.



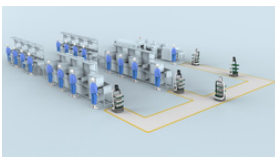
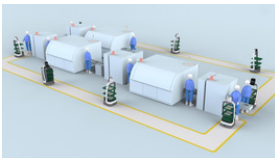
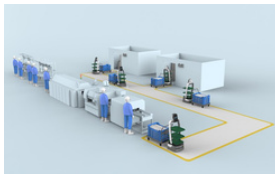
### Adjustable trays

With adjustable heights and tray dimensions of 43x50 cm, Delibot holds up a maximum of 10kg per tray, and 40kg in total.

# Specification



## LITE V1.0



LITEBOT MODEL	LITE V1.0
<b>General</b>	
Dimension L*W*H (mm)	526 x 493 x 1320
Net Weight (Kg)	40
Colour	Pearl white + Elegant black
Body Material	Aviation aluminium; High strength PC + ABS (Food Grade Plastic Material)
Screen Size	10.1 inch; 1080P
<b>System Performance</b>	
Hardware Platform	Qualcomm 8-core chip + 32-bit Microchip MCU + Intel® RealSense™ depth sensor
Operating System	Deep customized Robot OS operating system based on Android 3.0
Navigation System	Lidar + Visual Positioning + Visual Obstacle Avoidance + Odometer + IMU
Microphone Array	6 microphone arrays, 360° sound source positioning, 5m sound range
Travel Speed	0.5 ~ 1.2 m/s (adjustable)
Battery Life	12 ~ 15 hours (according to actual working conditions)
Positioning Accuracy	5 ~ 10 cm
<b>Network and Charging</b>	
Network Supports	4G supports TDD-LTE, WIFI supports 2.4G/5G
Charging Mode	Charging via cable
Charging Time	3.5h



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