

R1

Smart Serving Robot



System

Operating System

Android™ 7.1

Memory

4 GB SDRAM, 32 GB Flash

Robot Operation System

Operating System

Linux®

Board

Intel® Core™ i5

Laser

25 meter, 905nm wavelength,
260° working area

Sensor

Single-axis gyro sensor

Hard Disk

128 GB

Motor

6.5-inch hub motor

Network

Dual-band WLAN (2.4GHz and 5GHz)

Speed

0.3 to 1m/sec

Display

Operation Display

10.2-inch (1280 x 800)

Advertising Display

15.6-inch (1080 x 1920)

Physical Characteristics

Electricial

Lithium Iron 25.6V/25Ah (Rechargeable)

(Charging time: Up to 4 hrs,
Automatic and manual charging)

Dimension (W x L x H)

500 x 500 x 1460 mm

Weight

62 kg

Tray

500 x 430 mm (4 layers)

Loading Weight

Up to 12 kg per layer

Environment Characteristics

Temperature

Operating: 0 to 50°C

Storage: -10 to 50°C

Humidity

5 to 85%