



The Mobile Robot Company

Knowledge Center — Software Comparison · 2026-08-04

<https://info.mobilerobot.com/products/software/software-comparison>

Software Comparison

One J1600 hardware platform supports two software versions. This page compares them and shows the broader capability ladder from manual operation to advanced automation.

Standard versus Advanced

	<u>Standard software (https://info.mobilerobot.com/products/software/standard-software/)</u>	<u>Advanced software (https://info.mobilerobot.com/products/software/advanced-software/)</u>
Design goal	Essential functions, maximum ease of use	Fleet operation and system integration
Task creation	Configuration-free Teach and Repeat	Teach and Repeat plus advanced mission planning
Touchscreen task launch and saved locations	Yes (no limit on saved locations)	Yes
Wi-Fi requirement	Optional for basic out-of-box workflow	Optional for basic use; connectivity as integrations require
VDA 5050 interoperability	No	Yes — full support
REST API	No	Yes
Fleet Manager	No	Available, priced per robot
Advanced system integration	No	Yes
Intended deployment	Single unit, no systems integration	Fleets, mixed-vendor sites, integrated processes

Capability ladder

The vehicle's functions build up in three levels. This ladder describes automation capabilities and is separate from the Standard/Advanced package split.

Level	Capabilities
Manual functions	Pallet pick and drop up to 1.6 m; full manual tiller control
Basic automation	Start automatic tasks on-screen; save locations; floor-level pallet drop; self-drive to saved locations; return-to-me; go-to-parking
Advanced automation	Come-to-me; automatic charging; VDA 5050 fleet manager; API integrations

See [Dual Mode](https://info.mobilerobot.com/products/j1600/dual-mode/) (https://info.mobilerobot.com/products/j1600/dual-mode/) for how manual and autonomous operation combine in one vehicle, and the [Automatic Charger](https://info.mobilerobot.com/products/chargers-and-accessories/automatic-charger/) (https://info.mobilerobot.com/products/chargers-and-accessories/automatic-charger/) page for opportunity charging.

2026 list prices

Software item	End-user list price
Upgrade to Advanced software	€14,500
Fleet Manager software, per robot	€6,500

UPGRADE PATH

The Advanced upgrade is easiest to install at the factory when the robot is ordered. A partner can perform it later on an existing robot; customers cannot install it themselves.

Choosing

- **One robot, repetitive transport, fast start:** Standard software covers the full [teach-and-repeat](https://info.mobilerobot.com/documentation/concepts/teach-and-repeat/) workflow with about 30 minutes of [operator training](https://info.mobilerobot.com/documentation/getting-started/operator-training/).
- **Several robots, mixed-vendor fleet, or system integration:** order the Advanced upgrade, and add [Fleet Manager](https://info.mobilerobot.com/products/software/fleet-manager/) or a compatible [VDA 5050](https://info.mobilerobot.com/products/software/vda-5050/) fleet layer as the deployment requires.

For common capability questions, see the [product FAQ](https://info.mobilerobot.com/support/faq/product-and-capabilities/).