

MiR Fleet specifications

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The product specifications in English are the most recently updated on the Support Portal.

See the latest updates [here](#).

Designated use

Centralized control of a fleet of robots	Up to 100 robots
Order handling	Prioritization and handling of orders among multiple robots
Battery level control	Monitoring of robot battery levels and automatic handling of recharging
Traffic control	Coordination of critical zones with multiple robot intersections
Disclaimer	Specifications may vary based on local conditions and application setup

Two versions available

MiRFleet PC	Comes as a physical PC box
MiRFleet Server Solution	For installation in existing server system


MiR Fleet Server Solution

Installation file size	3 GB
MiRFleet update file size	~300 MB
CPU	Dual core processor with minimum 2.1 GHz clock
RAM	Minimum 8 GB
Permanent storage	Minimum 128 GB SSD

Supported operating systems	Ubuntu LTS, Ubuntu Core Server LTS, Debian, CentOS, Redhat Enterprise Linux
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Virtualization software	Docker CE/EE 18.09.01 or higher
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The minimum host requirements are for a deployment of 8–10 robots, without API integration, and which is not a virtual machine installation.

 Examples of current installations (as of August 2022):

- ~10 robots:
 - Intel Xeon Platinum 8268
 - 8 GB RAM
 - 500 GB

General conditions

- ~25 robots:
 - Intel Xeon E5 -2699A v4
 - 16 GB RAM
 - 500 GB

- 30 robots or more:
 - Intel i9 10980XE
 - 32 GB RAM
 - 500 GB

MiR Fleet PC

Model	DFI EB100-KU61-71
CPU	Intel® Core™ i3-7100U Processor (3M Cache, 2.40 GHz)
RAM	8 GB DDR4-2400
Permanent storage	Minimum 128 GB SSD 2.5 in
Operating system	Linux Ubuntu 16.04
Network capabilities	1 Gbit Ethernet, no wireless option

Required connections	110 V or 230 V power socket and Ethernet network cable
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Installation requirements	Must run on the same physical network as the robots
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