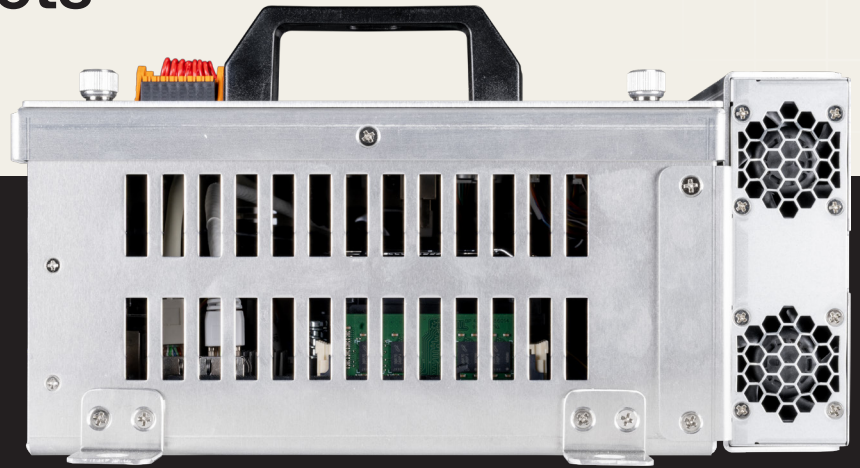




Minimum Size. Maximum Control.

Nano DC Control Box for TM S Series Collaborative Robots



Half the size, more
room to automate

Built to Fit the Application

At 50% of the size of our standard DC control box, the Nano DC Control Box makes it easier to support tighter layouts, mobile applications, and cleaner integration, giving integrators more freedom to design around specific applications.

Ready for Mobile Manipulation

Its compact design simplifies integration of TM S Series collaborative robots (cobots) with mobile platforms and autonomous mobile robots (AMRs), enabling more space-efficient mobile automation.

Part Numbers

OMRON has added four additional DC units to the existing cobot part number list, including:

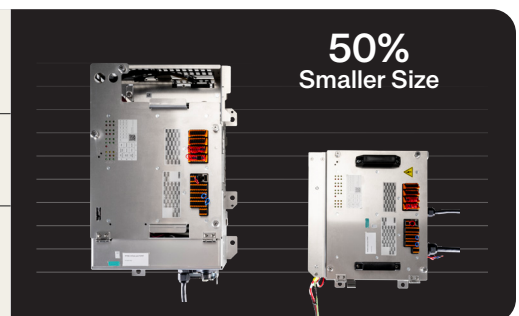
1. TMMODEL-NM, Fieldbus
2. TMMODEL-NM, 3-Meter Cable, Fieldbus
3. TMMODEL-NMX, Fieldbus
4. TMMODEL-NMX, 3-Meter Cable, Fieldbus

"NM" = Nano Mobile

"NMX" = Nano Mobile without a camera

"MODEL" = 5S, 6S, 7S, 12S, or 14S

	L (mm)	W (mm)	H (mm)	Percentage of Standard Volume
Nano DC Control Box*	295	305	136	50%
Standard DC Control Box	491	256	196	100%



*Includes power supply

Standard

Nano

TM20S + Nano Control Box

The Perfect Fit for Heavier Workflows

Pair the Nano Control Box with the OMRON TM20S to bring heavy-duty cobot performance into compact cells. Designed for fast deployment and demanding applications, this combination is ideal for palletizing, packaging, machine tending, and other high-throughput workflows where floor space matters.

Less Space. More Flexibility.

The TM20S can also be paired with the LD-250 AMR to create a mobile manipulator solution. By combining mobility and manipulation in one system, manufacturers can support material transport, part handling, and workflow movement between stations with a more compact, integrated automation footprint.



TM20S-NM	RT6-4201304
TM20S-NM, 3 m Cable	RT6-4201305
TM20S-NMX	RT6-4211304
TM20S-NMX, 3 m Cable	RT6-4211305
TM20S-NM, Fieldbus	RT6-4201324
TM20S-NM, 3 m Cable, Fieldbus	RT6-4201325
TM20S-NMX, Fieldbus	RT6-4211324
TM20S-NMX, 3 m Cable, Fieldbus	RT6-4211325



Automation That Adapts to Your Workflow

Extend coverage without adding cells



Discover the TM S Series

See specifications, features, and application details.