

## Accomplish More with OMRON's iX3 Parallel Robot Packaging Solution

OMRON has introduced a high-speed parallel robot for faster and more flexible picking and packaging applications.

The iX3-565 boasts a payload of 8kg, and excels at high-speed applications in packaging, manufacturing, and pharmaceutical industries.

Key features include:

- Tracks up to a conveyor speed of 1.4 m/s.
- Designed with a high payload to support multi-hand (multi-picking).
- Extended vertical reach allows for a 12.7 ft. workspace, enabling a wider variety of packages to be used.
- EtherCAT connectivity to the OMRON NJ501-R controller and programming through the familiar IEC 61131-3 programming language or scripting.

### High-speed and flexible.

OMRON has taken efficiency to the next level with the iX3 parallel robot. This powerful robot supports integrated high-speed conveyor tracking, powerful vision guidance, and easy-to-use application software created specifically for the packaging market. Designed with a high payload, the iX3 is used for multi-picking and for faster pick and place applications.

### Expanded material-handling.

The iX3 is the complete solution when it comes to packaging both primary and secondary food. It features a hygienic design that minimizes contamination risks, including a standard IP65-rated work area and corrosion-resistant materials for easy wash-down. With the iX3, OMRON provides a safe solution for handling food and beverage products.



Product Name		iX3					
		Size		565			
		Number of Axes		3 Axis		4 Axis	
		IP		Standard	IP65/67	Standard	IP65/67
Part Number		RX3-2065600	RX3-2065610	RX3-2065604	RX3-2065614		
Mounting		inverted					
Working Volume		X, Y axis (stroke)		1130 mm			
		Z axis (stroke)		425 mm			
		theta axis (rotation angle)		-	±360 degrees		
Maximum Payload		8 kg		3 kg			
Repeatability		±0.10 mm					
Cycle times, sustained, 20 ° ambient		Payload 0.1 kg		0.32 s	0.35 s		
		Payload 1.0 kg		0.34 s	0.37 s		
		Payload 3.0 kg		0.38 s	0.42 s		
Power Requirements		24 VDC: 6 A 200 to 240 VAC: 10 A, single-phase					
Protection		Base		IP20	IP65		
		Topside of robot		IP20	IP65		
		Underside of robot		IP65			
		Platform, Arms		IP67			
Environment Requirements		Ambient Temperature		1 to 40 ° C			
		Humidity Range		5 to 90% (non-condensing)			
Weight		52 kg					

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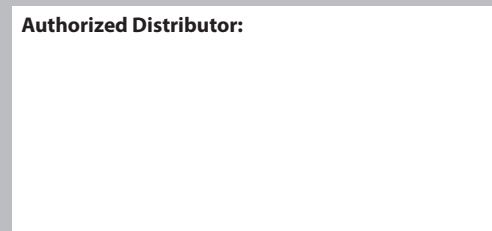
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**Authorized Distributor:**



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