

# Compact GuardLogix 5370 Controller

## Midrange Integrated Safety Controller



The Midrange Architecture provides machine builders with a scalable control platform to meet both their custom and standard machine needs. The new Compact GuardLogix® 5370 controller provides machine builders with the performance needed for both integrated motion and integrated safety on EtherNet/IP™. With Studio 5000® software as a single design and configuration environment, scalability has never been simpler. Whether you are in the design, operate or maintain cycle, engineers now can share code between different machine types and sizes, reducing the design cycle and commissioning time while improving uptime through the machine's lifecycle.

Built on standard Ethernet TCP/IP, EtherNet/IP provides a simplified architecture for machine builders. The ability to be future-proof provides the flexibility and security to meet the end user's needs while converging to the plant-wide network.

### Features and Benefits

- Built-in dual Ethernet port for Linear and Device Level Ring topologies
- Integrated safety up to SIL 3, PLe, CAT 4, 1oo2 hardware structure
- Integrated motion on EtherNet/IP up to 16 axes
- Built-in energy storage eliminates the need for batteries
- Removable 1-GB Secure Digital (SD) card improves data integrity
- Support for kinematics eliminates the need for additional robot controllers and software
- Integrated Safe Torque Off SIL 3/PLe with Kinetix® 5500 and PowerFlex® 527
- Supports reuse of existing 1769 I/O
- On-Machine™ IP67-rated Armor™ Compact GuardLogix controller options



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# Compact GuardLogix 5370 Controller

Available Catalog Numbers

## Compact GuardLogix 5370 Controllers

Catalog	Standard Memory	Safety Memory	Total Memory
1769-L30ERMS	1.0 MB	0.5 MB	1.5 MB
1769-L33ERMS	2.0 MB	1.0 MB	3.0 MB
1769-L36ERMS	3.0 MB	1.5 MB	4.5 MB

## Target Marketing for an *Industry Focus*

<i>Packaging</i>	<i>Food &amp; Beverage</i>
<i>Material Handling</i>	<i>Consumer Products</i>
<i>Manufacturing &amp; Assembly</i>	<i>Auto &amp; Tire</i>

## Armor Compact GuardLogix 5370 Controllers

Catalog	Standard Memory	Safety Memory	Total Memory
1769-L33ERMOS	2.0 MB	1.0 MB	3.0 MB
1769-L36ERMOS	3.0 MB	1.5 MB	4.5 MB

Studio 5000 V28 or later



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