

## Compact GuardLogix 5370 Controllers

In a Compact GuardLogix 5370 controller system, the 1769 Compact I/O modules can be placed to the left and the right of the power supply. As many as eight modules can be placed on each side of the power supply. The CompactLogix 5370 L3S controller comes with:

- Dual Ethernet ports for ring and linear topologies.
- USB port for firmware updates and programming.
- Safety control to achieve SIL 3/PLe according to ISO 13849.
- Support for 1769 Compact I/O.



Characteristic	1769-L30ERMS	1769-L33ERMS 1769-L33ERMSK	1769-L36ERMS	1769-L37ERMS 1769-L37ERMSK	1769-L38ERMS 1769-L38ERMSK
Available user memory	1 MB + 0.5 MB (safety)	2 MB + 1 MB (safety)	3 MB + 1.5 MB (safety)	4 MB + 1.5 MB (safety)	5 MB + 1.5 MB (safety)
Memory card	1784-SD1 (1 GB), shipped with controller 1784-SD2 (2 GB)				
Communication ports	2 EtherNet/IP 1 USB				
EtherNet/IP connections	256 EtherNet/IP 120 TCP				
EtherNet/IP nodes supported, max	16	32	48	64	80
Integrated motion					
Number of axes supported, max <sup>(1)</sup>	100				
Number of CIP Drive axes (Position loop-configured) supported, max <sup>(2)</sup>	4	8	16		
Module expansion capacity	Eight 1769 modules 1 bank of modules	Sixteen 1769 modules 2 banks of modules	Thirty 1769 modules 3 banks of modules		
Battery	None				
Power supply distance rating	Four modules				
Programming software support	Version 28 or later - For controllers that use firmware revision 28 or later.			Version 31 or later	

(1) Any combination of CIP Drive, Virtual, Consumed, Regenerative AC/DC Converter and Non-Regenerative AC/DC Converter axis types.

(2) The maximum number of CIP Drive axes (configured for Position Loop) that can be included in the total integrated motion axes count for a controller.