

CompactLogix 5370 L3 Controllers

In a CompactLogix 5370 L3 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 L3 controller comes with:



- Dual Ethernet ports for linear and ring topologies.
- USB port for firmware updates and programming.
- Support for 1769 Compact I/O.

Use the 1769-L30ER-NSE controller for mining applications. You can deplete the residual stored energy of the 1769-L30ER-NSE controller to 200 μ J or less before you transport it into or out of a mine. The 1769-L30ER-NSE controller does not maintain the real-time clock on power cycle.

Characteristic	1769-L30ER	1769-L30ERM 1769-L30ERMK	1769-L30ER-NSE	1769-L33ER	1769-L33ERM 1769-L33ERMK	1769-L36ERM	1769-L37ERM 1769-L37ERMK	1769-L38ERM 1769-L38ERMK
Available user memory	1 MB	1 MB	1 MB No capacitor	2 MB	2 MB	3 MB	4 MB	5 MB
Memory card	1784-SD1 (1 GB), shipped with controller 1784-SD2 (2 GB)							
Communication ports	<ul style="list-style-type: none">• 2 EtherNet/IP• 1 USB							
EtherNet/IP connections	<ul style="list-style-type: none">• 256 EtherNet/IP• 120 TCP							
EtherNet/IP nodes in one Logix Designer application, max	16			32		48	64	80
Integrated motion on an EtherNet/IP network	—	Supports up to 4 axes	—	—	Supports up to 8 axes	Supports up to 16 axes		
Module expansion capacity	8 1769 modules 1 bank of modules			16 1769 modules 2 banks of modules		30 1769 modules 3 banks of modules		
Battery	None							
Power supply distance rating	4 modules			4 modules		4 modules		
Programming software support	<ul style="list-style-type: none">• Version 20 - For controllers that use firmware revision 20.• Version 21 or later - For controllers that use firmware revision 21 or later.						Version 31 or later	