

CompactLogix 5480 Controller

Logix performance and a commercial operating system in a single platform.

The Allen-Bradley® CompactLogix™ 5480 Controller offers the benefits of Logix control with Windows®-based computing. With a commercially available CPU and a Windows 10 IoT Enterprise operating system running independently of the Logix control engine, it provides a high-performance architecture with the ability to run 3rd-party applications. End users and OEMs are inventing ways to collect data from machines and turning it into valuable information closer to the plant floor. This ability to make decisions at the machine level helps to enable our Connected Enterprise vision.



Enhanced performance, flexibility and troubleshooting

Features

- Built upon our high performance architecture, which was first introduced with the ControlLogix® 5580 and CompactLogix 5380 controllers
- Uses Studio 5000® environment and development tools
- Provides Logix real-time control and an instance of Windows 10 IoT Enterprise operating system on a single platform
- Increased performance provides faster scan time execution and motion loop updates, therefore, better machine throughput and increased production
- Embedded Logix security with FactoryTalk® Security user authentication and authorization

Use Cases

- Analytics, data gathering, and predictive computations
- Cloud Gateway, Data concentrator
- Machine and Line Control
- Integrated control and visualization
- Control and 3rd-party machine vision

Learn how to get more from your machines and equipment with our scalable compute solutions.

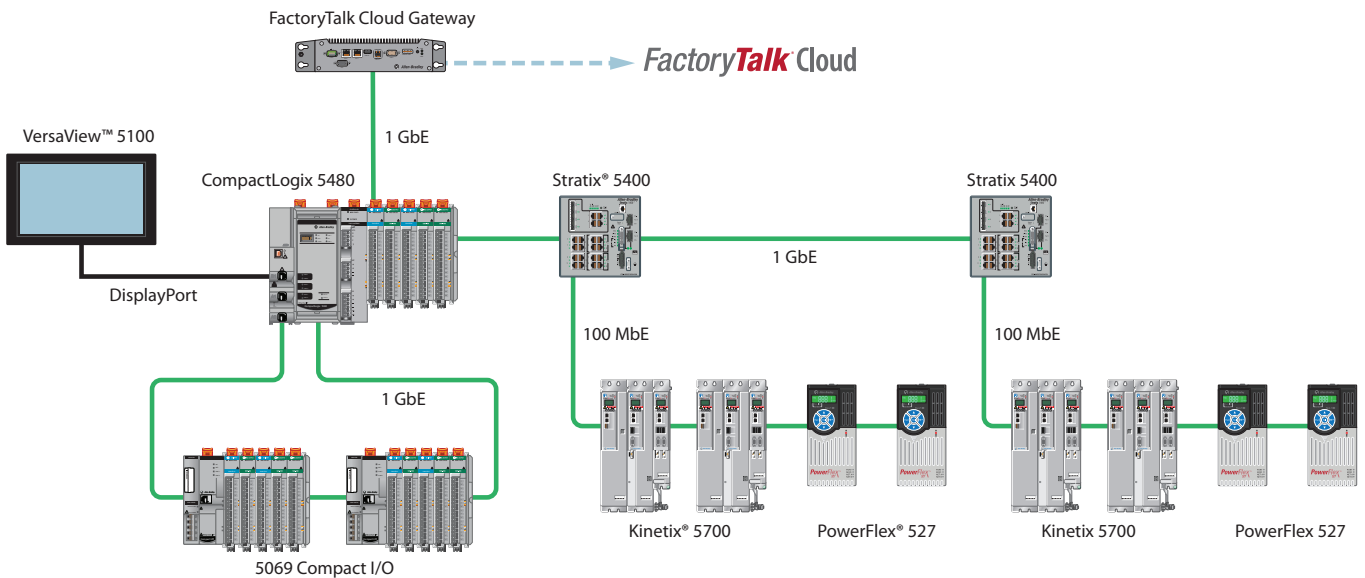
Portfolio Comparison

	5380	5480	5580
Integrated motion on EtherNet/IP	Up to 32 axes	Up to 150 axes	Up to 256 axes
Network nodes	Up to 80 nodes	Up to 250 nodes	Up to 300 nodes
User Memory	Up to 10 MB	"20 MB Logix Approx. 64 GB SSD Windows 10"	Up to 40 MB
Studio 5000 Logix Designer®	V28+	V32+	V28+
GbE Ports	2 Logix	3 Logix + 1 OS	1 Logix
Monitor Interface	--	DisplayPort	--
Local I/O	Up to 31 local 5069 Compact I/O	Up to 31 local 5069 Compact I/O	Up to 16 local 1756 ControlLogix® I/O"

CompactLogix 5480 Controller Catalog Comparison

CompactLogix 5480 Catalog Numbers	Logix Memory	Node Count	I/O Expansion	Motion Physical Axis
5069-L430ERMW	3MB	60	31	16
5069-L450ERMW	5MB	120	31	24
5069-L4100ERMW	10MB	180	31	32
5069-L4200ERMW (formerly 5069-L46ERMW)	20MB	250+	31	150

Future catalog numbers being considered are pre-installed FactoryTalk® View software bundles and embedded PanelView 5000.



NHP Electrical Engineering Products

A.B.N. 84 004 304 812

NHP18194 10/19

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