

## 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.](#)*



## CompactLogix 5480 Controller

5069-L46ERMW	Specifications
Real-time Control	Logix control engine
Open Operating System	Windows 10 IoT Enterprise (independent of the Logix control engine)
CPU	Intel i7 2.4 GHz Quad
Storage	20 MB (Logix) Approx. 64 GB SSD (Windows)
SDRAM	6 GB (Windows)
GbE Ports (Logix)	3 (2 ports configurable for Dual IP or DLR)
GbE Ports (OS)	1
Monitor Interface	1 (DisplayPort) – supports VESA approved converters for HDMI, DVI, VGA displays
USB Ports	1 Device Port (Logix) 2 USB 3.0 Host Ports (OS)
I/O	Supports up to 31 local 5069 Compact I/O™ Modules



Allen-Bradley, Compact I/O, CompactLogix, ControlLogix, FactoryTalk, Studio 5000, and Rockwell Software are trademarks of Rockwell Automation, Inc. Trademarks not belonging to Rockwell Automation are property of their respective companies. Windows is a trademark of Microsoft.

[www.rockwellautomation.com](http://www.rockwellautomation.com)

### Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444  
 Europe/Middle East/Africa: Rockwell Automation NV, Pegasus Park, De Kleetlaan 12a, 1831 Diegem, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640  
 Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

Publication 5069-PP002B-EN-P – January 2019

Copyright © 2019 Rockwell Automation, Inc. All Rights Reserved.