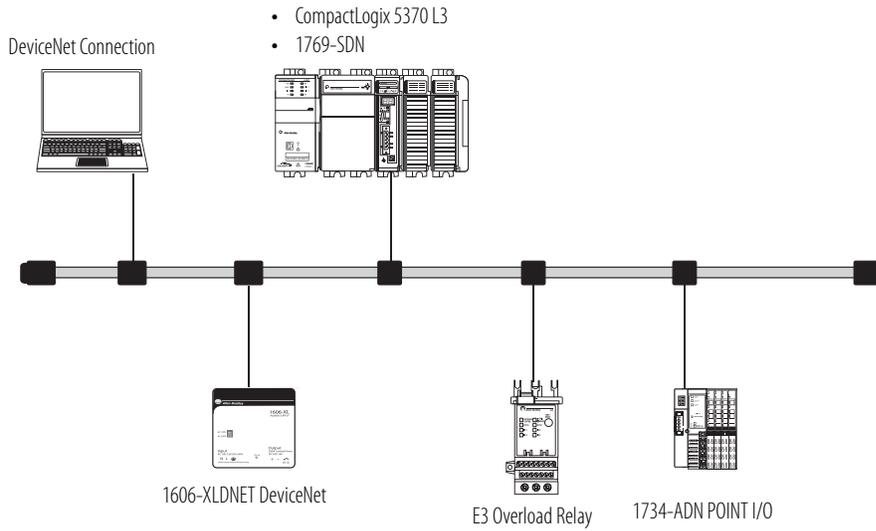


The CompactLogix 5370 L2 and L3 controllers support DeviceNet connectivity.

CompactLogix 5370 System on an DeviceNet Network



1768 CompactLogix System

Important: 1768 controllers are compatible with only version 20 or earlier of the RSLogix 5000 software.

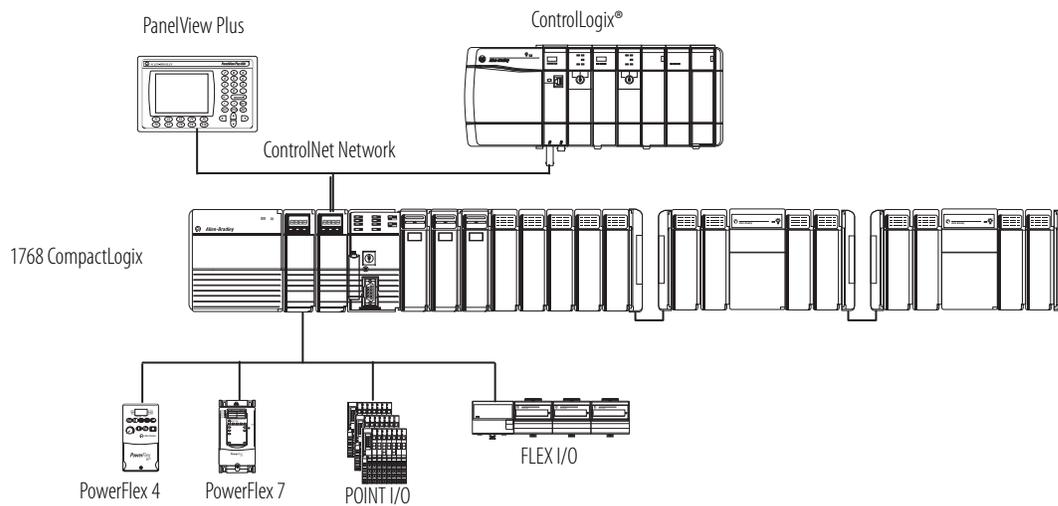
The 1768 CompactLogix system combines a 1768 backplane for communication and motion support and a 1769 backplane for I/O support. The 1768 controller is designed for integrated motion, integrated safety, and more complex communication requirements than the other CompactLogix controllers. The 1768 controller has one serial port. Add 1768 modules for motion control, EtherNet/IP communication, and ControlNet communication.

ControlNet Communication Options for 1768 CompactLogix Controllers

The ControlNet network is an open, control network for real-time, high-throughput applications. The ControlNet network uses the Common Industrial Protocol (CIP) to combine the functionality of an I/O network and a peer-to-peer network providing high-speed performance. The ControlNet network gives you deterministic, repeatable transfers of all mission-critical control data and supporting transfers of non-time-critical data. I/O updates and controller-to-controller interlocking take precedence over program uploads and downloads and messaging.

Cat. No.	Description	Communication Rate	Logix Connections
1768-CN8	1768 CompactLogix controller, ControlNet communication bridge module, single media	5 Mbps	48
1768-CNBR	1768 CompactLogix controller, ControlNet communication bridge module, redundant media	10/100 Mbps	48

1768 CompactLogix Controllers on a ControlNet Network



DeviceNet Communication Options

The DeviceNet network is an open, low-level network that provides connections between simple industrial devices (such as sensors and actuators) and higher-level devices (such as controllers and computers).

Cat. No.	Description	Communication Rate	Number of Nodes
1769-SDN	Compact I/O DeviceNet scanner module	125 Kbps (500 m max) 250 Kbps (250 m max)	64
1769-ADN	Compact I/O DeviceNet adapter module	500 Kbps (100 m max)	

CompactLogix System Software

If you have	You need	Order
CompactLogix controller 1768-M04SE SERCOS motion module	Studio 5000 Logix Designer™ application	9324 series ⁽¹⁾
1768-CNB, 1768-CNBR ControlNet communication module	RSNetWorx™ for ControlNet software	9324 series ⁽²⁾ or 9357-CNETL3 (RSNetWorx for ControlNet)
1769-SDN DeviceNet communication module	RSNetWorx for DeviceNet software	9324 series ⁽²⁾ or 9357-DNETL3 (RSNetWorx for DeviceNet)
1768-ENBT, 1768-EWEB EtherNet/IP communication module EtherNet/IP ports (CompactLogix 5370 controllers)	RSLin® software or BOOTP/DHCP server utility to set IP addresses Optional RSNetWorx for EtherNet/IP software	9324 series ⁽²⁾ or Optional 9357-ENETL3 (RSNetWorx for EtherNet/IP)
Communication card in a workstation	RSLin software	9324 series ⁽¹⁾

(1) All 9324 packages include RSLinx Classic Light software.

(2) Comes with some editions of Studio 5000 environment.