5069L320ER

Allen-Bradley CompactLogix 5069 5380 Processor 2MB 40 Nodes

MID-RANGE CONTROL SYSTEMS



Component type	PLC CPU-module
Range	CompactLogix 5069
Model	N/A
Product status	Existing

The Allen-Bradley CompactLogix™ and Compact GuardLogix® 5480 and 5380 controllers provide improved productivity and security to meet the demands of smart machines and manufacturing equipment. Ideal for applications requiring high-performance communications, I/O and motion control for up to 32 axes. Feature a programming environment, diagnostics and integration with the PlantPAx® 5.0 system.

ELECTRICAL	Voltage type of supply voltage	DC
	With optical interface	No
	Redundancy	No
COMMUNICATION	Number of HW-interfaces industrial Ethernet	2
	Number of HW-interfaces USB	1
	Max. number of EtherNet/IP nodes	40
	Can be programmed with Connected Components Workbench	No
	Can be programmed with Studio 5000 Logix Designer	Yes
	Can be programmed with RSLogix 500	No
	Supporting protocol for TCP/IP	No
	Supporting protocol for PROFIBUS	No
	Supporting protocol for CAN	No
	Supporting protocol for INTERBUS	No
	Supporting protocol for ASI	No
	Supporting protocol for KNX	No
	Supporting protocol for Modbus	No
	Supporting protocol for Data-Highway	No
	Supporting protocol for DeviceNet	No
	Supporting protocol for SUCONET	No
	Supporting protocol for LON	No
	Supporting protocol for PROFINET IO	No
	Supporting protocol for PROFINET CBA	No
	Supporting protocol for SERCOS	No
	Supporting protocol for Foundation Fieldbus	No
	Supporting protocol for EtherNet/IP	Yes

Published on 06 October 2026

5069L320ER

Allen-Bradley CompactLogix 5069 5380 Processor 2MB 40 Nodes

MID-RANGE CONTROL SYSTEMS

Allen-Bradley

COMMUNICATION	Supporting protocol for AS-Interface Safety at Work	No
	Supporting protocol for DeviceNet Safety	No
	Supporting protocol for INTERBUS-Safety	No
	Supporting protocol for PROFIsafe	No
	Supporting protocol for SafetyBUS p	No
	Supporting protocol for other bus systems	No
	Radio standard Bluetooth	No
	Radio standard Wi-Fi 802.11	No
	Radio standard GPRS	No
	Radio standard GSM	No
	Radio standard UMTS	No
	IO link master	No
CONSTRUCTION	Memory size	2 MB
	Additional program memory possible	Yes
	Model	Compact
	System accessory	Yes
	With display	No
	Rail mounting possible	Yes
	Wall mounting/direct mounting	No
	Front built-in possible	No
	Rack-assembly possible	No
DIMENSIONS	Width	98.1 mm
	Height	143.97 mm
	Depth	136.81 mm

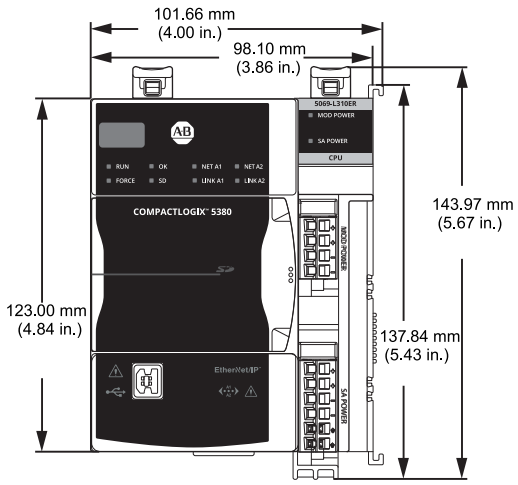
Published on 06 October 2026

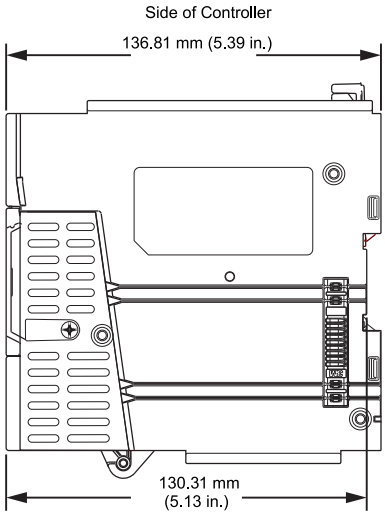
5069L320ER

Allen-Bradley CompactLogix 5069 5380 Processor 2MB 40 Nodes

MID-RANGE CONTROL SYSTEMS

DIMENSIONAL DIAGRAM





RELATED PRODUCTS

ACCESSORY



Item No: 1784SD1

Required: No

Description: Allen-Bradley ControlLogix SD Card 1Gb



Item No: 1784SD2

Required: No

Description: Allen-Bradley ControlLogix SD Card 12Gb



Item No: 1784SDHC32

Required: No

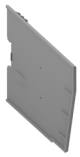
Description: Allen-Bradley ControlLogix SD Card 32Gb High Capacity



Item No: 1784SDHC8

Required: No

Description: Allen-Bradley ControlLogix SD Card 8Gb High Capacity



Item No: 5069ECR

Required: No

Description: Allen-Bradley Compact 5000 End Cap for Adapter Or Controller



Item No: 5069RTB64SCREW

Required: No

Description: Allen-Bradley Compact 5000 I/O Power Terminal 6Pin and 4Pin Screw Type 1 Set



Item No: 5069RTB64SPRING

Required: No

Description: Allen-Bradley Compact 5000 I/O Power Terminal 6Pin and 4Pin Spring Type 1 Set