



Representative Photo Only
(actual product may vary based on configuration selections)

ControlLogix 5580 Processor 40 MB User Memory, USB Port, 1GB embedded Ethernet port, 300 EtherNet/IP Devices, 4 Character Alpha/Numeric Display

- Provides up to 45% more capacity over previous controller generations
- Embedded gigabit EtherNet/IP™ port enables high-speed I/O and motion control
- Controller functions optimized for maximum system performance
- Display provides enhanced diagnostics and troubleshooting
- Energy storage module removes the need for a battery
- Controller-based change detection and logging enables added security
- Digitally-signed controller firmware adds another layer of security
- Provides role-based access control to routines and Add-On Instructions

SPECIFICATIONS

Product Series	ControlLogix (Bul. 1756 / 1757)
Component Type PLC & I/O	Controller
Memory, Controller	40 MB memory
Memory Card Type	SD
Memory Card, Installed	2 GB
Memory Card Option	SD Card
Communications Ports (On Board)	USB (programming only) RJ-45
Communications Protocols	EtherNet/IP EtherNet/OCPP
Number of EtherNet/IP nodes, max	300 nodes, max
Maximum Digital I/O	128000
Maximum Analogue I/O	4000
Maximum Total I/O	128000
Safety Controller	No
Software, Configuration	RSLogix5000 / Studio 5000 (Logix Designer)
Weight	0.394 kg
Power Dissipation, Max	6.2 W
Operating Temperature, Max	60 °C max
Operating Temperature, Min	0 °C min
Storage Temperature, Max	85 °C max
Storage Temperature, Min	-40 °C min
Relative Humidity, Max	95 %RH
Humidity Type	Non-condensing
Shock Acceleration (Max.)	30 g
Shock Rating	IEC 60068-2-27
Vibration Acceleration (Max.)	2 m/s²
Vibration Frequency, Operational (Max.)	500 Hz
Vibration Rating	IEC 60068-2-6

Catalogue No: **1756-L85E**
CONTROLLOGIX 5580 PROCESSOR 40MB

Automation Systems > Modular Programmable Controllers > Large PLC Systems > Allen-Bradley ControlLogix® > ControlLogix® and GuardLogix® Controllers > ControlLogix® L8x Controllers



Standards Compliance	IEC 60068-2-1 IEC 60068-2-14 IEC 60068-2-2 IEC 60068-2-27 IEC 60068-2-30 IEC 60068-2-6 IEC 61000-4-2 IEC 61000-4-3 IEC 61000-6-4
Certifications	CE KC (KCC) UL C-UL FM ATEX EAC RCM

REFERENCES	
IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-