The Allen-Bradley® ControlLogix® Compute module provides in-chassis, high-speed computing functionality with access to the ControlLogix processor via the backplane. Customers can now collect data at the source to make real-time decisions and increase productivity.

The module offers the flexibility to create custom applications within the Windows 10 IoT Enterprise or Linux operating systems as well as using off-the-shelf applications to enhance their automation systems.

**Features & Benefits**

**Enhanced performance, in-chassis computing functionality.**
- Provides high-speed access to the ControlLogix controller over the backplane
- Integrated DisplayPort for direct connection to a high-definition VersaView® industrial monitor
- Provides computing capability in a ControlLogix chassis
Scalable Computing Offering
Leverages the value of the data that already exists across the manufacturing floor to help you access it when and where you need it.

- Places the compute product closer to the source of the data, which allows you to make quicker, more informed decisions and results in increased productivity
- Combines industry-leading automation technologies with the robust Windows 10 IoT Enterprise and Linux operating system
- Allows customers to take advantage of Rockwell Automation® design and visualization software, along with third-party Windows 10 applications
- Available in in-cabinet, in-chassis or in-controller computing for your application needs

VersaView 5000 Industrial Computers
In-cabinet Computing
Increased processing power in a robust platform for industrial environments
- Run multiple, standalone plant floor applications in industrial environments with confidence and visibility
- Meet the high demands of HMI applications with our quad-core industrial PCs
- Integrated DisplayPort for direct connection to a high-definition VersaView 5100 industrial monitor

ControlLogix Compute Module
In-chassis Computing
Compute capability in the ControlLogix Family
- High-speed access to the ControlLogix controller over the backplane
- Integrated DisplayPort for direct connection to a high-definition VersaView industrial monitor
- Provides computing capability in a ControlLogix chassis

CompactLogix 5480 Controller
In-controller Computing
High-performance control and computing capability in a single hardware platform
- Logix controller with Windows 10 IoT Enterprise in parallel
- Built-in RSLinx communications between Logix and the operating system
- Integrated DisplayPort for direct connection to a high-definition VersaView 5100 industrial monitor
## ControlLogix 1756 Compute Module

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CPU</strong></td>
<td>Intel Atom Dual-core 1.46 GHz processor</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>32 GB mSATA (approx. 20 GB free space)</td>
</tr>
<tr>
<td><strong>RAM</strong></td>
<td>4 GB</td>
</tr>
<tr>
<td><strong>Fans</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>OS</strong></td>
<td>Windows 10 IoT Enterprise 64-bit, Linux 32-bit</td>
</tr>
<tr>
<td><strong>Ports</strong></td>
<td>(1) USB 3.0, (2) GbE</td>
</tr>
<tr>
<td><strong>Monitor Interface</strong></td>
<td>DisplayPort</td>
</tr>
<tr>
<td><strong>Operating Temp</strong></td>
<td>-25 - 60 °C (Series C Chassis), -25 - 50 °C (Series B Chassis)</td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
<td>ControlLogix chassis</td>
</tr>
<tr>
<td><strong>Certifications</strong></td>
<td>CE, CULH, KCC, RCM, ULH, EU WEEE, China RoHS</td>
</tr>
</tbody>
</table>

### Catalog Number Description

- **1756-CMS1B1**: Dual-core, 32 GB SSD, Windows 10 IoT Enterprise 64-bit, No bundled SW/FW
- **1756-CMS1C1**: Dual-core, 32 GB SSD, Linux 32-bit (Debian 8.9), No bundled SW/FW