



ControlLogix Embedded Edge Compute Module

Catalog Number 1756-CMEE1Y1

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The ControlLogix® Embedded Edge Compute module can communicate directly with a Logix 5000® controller via the system backplane.

The module comes equipped with FactoryTalk® Optix™ software that you can use to access data via CIP™ through the backplane and via EtherNet/IP™ through the front ports and make informed decisions about the operation and maintenance of your system.

Backplane and front port data access is also available for custom applications. The module also comes equipped with FactoryTalk® Remote Access™ that you can use to enable remote connections to the module and to Logix 5000 controllers.

The modules also offer the following:

- Two GbE ports
- One USB 3.0 device port



ATTENTION: Read this document and the documents listed in the Additional Resources section about installation, configuration and operation of this equipment before you install, configure, operate or maintain this product. Users are required to familiarize themselves with installation and wiring instructions in addition to requirements of all applicable codes, laws, and standards.

Activities including installation, adjustments, putting into service, use, assembly, disassembly, and maintenance are required to be carried out by suitably trained personnel in accordance with applicable code of practice. If this equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

注意：在安装、配置、操作和维护本产品前，请阅读本文档以及“其他资源”部分列出的有关设备安装、配置和操作的相应文档。除了所有适用规范、法律和标准的相关要求之外，用户还必须熟悉安装和接线说明。

安装、调整、投运、使用、组装、拆卸和维护等各项操作必须由经过适当训练的专业人员按照适用的操作规范实施。

如果未按照制造商指定的方式使用该设备，则可能会损害设备提供的保护。

ATENCIÓN: Antes de instalar, configurar, poner en funcionamiento o realizar el mantenimiento de este producto, lea este documento y los documentos listados en la sección Recursos adicionales acerca de la instalación, configuración y operación de este equipo. Los usuarios deben familiarizarse con las instrucciones de instalación y cableado y con los requisitos de todos los códigos, leyes y estándares vigentes.

El personal debidamente capacitado debe realizar las actividades relacionadas a la instalación, ajustes, puesta en servicio, uso, ensamblaje, desensamblaje y mantenimiento de conformidad con el código de práctica aplicable. Si este equipo se usa de una manera no especificada por el fabricante, la protección provista por el equipo puede resultar afectada.

ATENÇÃO: Leia este e os demais documentos sobre instalação, configuração e operação do equipamento que estão na seção Recursos adicionais antes de instalar, configurar, operar ou manter este produto. Os usuários devem se familiarizar com as instruções de instalação e fiação além das especificações para todos os códigos, leis e normas aplicáveis.

É necessário que as atividades, incluindo instalação, ajustes, colocação em serviço, utilização, montagem, desmontagem e manutenção sejam realizadas por pessoal qualificado e especializado, de acordo com o código de prática aplicável.

Caso este equipamento seja utilizado de maneira não estabelecida pelo fabricante, a proteção fornecida pelo equipamento pode ficar prejudicada.

ВНИМАНИЕ: Перед тем как устанавливать, настраивать, эксплуатировать или обслуживать данное оборудование, прочитайте этот документ и документы, перечисленные в разделе «Дополнительные ресурсы». В этих документах изложены сведения об установке, настройке и эксплуатации данного оборудования. Пользователи обязаны ознакомиться с инструкциями по установке и прокладке соединений, а также с требованиями всех применимых норм, законов и стандартов.

Все действия, включая установку, наладку, ввод в эксплуатацию, использование, сборку, разборку и техническое обслуживание, должны выполняться обученным персоналом в соответствии с применимыми нормами и правилами.

Если оборудование используется не предусмотренным производителем образом, защита оборудования может быть нарушена.

注意：本製品を設置、構成、稼働または保守する前に、本書および本機器の設置、設定、操作についての参考資料の該当箇所に記載されている文書に目を通してください。ユーザは、すべての該当する条例、法律、規格の要件に加えて、設置および配線の手順に習熟している必要があります。

設置調整、運転の開始、使用、組立て、解体、保守を含む諸作業は、該当する実施規則に従って訓練を受けた適切な作業員が実行する必要があります。

本機器が製造メーカーにより指定されていない方法で使用されている場合、機器により提供されている保護が損なわれる恐れがあります。

ACHTUNG: Lesen Sie dieses Dokument und die im Abschnitt „Weitere Informationen“ aufgeführten Dokumente, die Informationen zu Installation, Konfiguration und Bedienung dieses Produkts enthalten, bevor Sie dieses Produkt installieren, konfigurieren, bedienen oder warten. Anwender müssen sich neben den Bestimmungen aller anwendbaren Vorschriften, Gesetze und Normen zusätzlich mit den Installations- und Verdrahtungsanweisungen vertraut machen.

Arbeiten im Rahmen der Installation, Anpassung, Inbetriebnahme, Verwendung, Montage, Demontage oder Instandhaltung dürfen nur durch ausreichend geschulte Mitarbeiter und in Übereinstimmung mit den anwendbaren Ausführungsvorschriften vorgenommen werden.

Wenn das Gerät in einer Weise verwendet wird, die vom Hersteller nicht vorgesehen ist, kann die Schutzfunktion beeinträchtigt sein.

ATTENTION : Lisez ce document et les documents listés dans la section Ressources complémentaires relatifs à l'installation, la configuration et le fonctionnement de cet équipement avant d'installer, configurer, utiliser ou entretenir ce produit. Les utilisateurs doivent se familiariser avec les instructions d'installation et de câblage en plus des exigences relatives aux codes, lois et normes en vigueur.

Les activités relatives à l'installation, le réglage, la mise en service, l'utilisation, l'assemblage, le démontage et l'entretien doivent être réalisées par des personnes formées selon le code de pratique en vigueur.

Si cet équipement est utilisé d'une façon qui n'a pas été définie par le fabricant, la protection fournie par l'équipement peut être compromise.

주의：본 제품 설치, 설정, 작동 또는 유지 보수가 하기 전에 본 문서를 포함하여 설치, 설정 및 작동에 관한 참고 자료 섹션의 문서들을 반드시 읽고 숙지하십시오. 사용자는 모든 관련 규정, 법규 및 표준에서 요구하는 사항에 대해 반드시 설치 및 배선 지침을 숙지해야 합니다.

설치, 조정, 가동, 사용, 조립, 분해, 유지보수 등 모든 작업은 관련 규정에 따라 적절한 교육을 받은 사용자를 통해서만 수행해야 합니다.

본 장비를 제조사가 명시하지 않은 방법으로 사용하면 장비의 보호 기능이 손상될 수 있습니다.

ATTENZIONE: Prima di installare, configurare ed utilizzare il prodotto, o effettuare interventi di manutenzione su di esso, leggere il presente documento ed i documenti elencati nella sezione "Altre risorse", riguardanti l'installazione, la configurazione ed il funzionamento dell'apparecchiatura. Gli utenti devono leggere e comprendere le istruzioni di installazione e cablaggio, oltre ai requisiti previsti dalle leggi, codici e standard applicabili.

Le attività come installazione, regolazioni, utilizzo, assemblaggio, disassemblaggio e manutenzione devono essere svolte da personale adeguatamente addestrato, nel rispetto delle procedure previste.

Qualora l'apparecchio venga utilizzato con modalità diverse da quanto previsto dal produttore, la sua funzione di protezione potrebbe venire compromessa.

DİKKAT: Bu ürünün kurulumu, yapılandırılması, işletilmesi veya bakımı öncesinde bu dokümanı ve bu ekipmanın kurulumu, yapılandırılması ve işletimi ile ilgili ilave Kaynaklar bölümünde yer listelenmiş dokümanları okuyun. Kullanıcılar yürürlükteki tüm yönetmelikler, yasalar ve standartların gereksinimlerine ek olarak kurulum ve kablolama talimatlarını da öğrenmek zorundadır. Kurulum, ayarlama, hizmete alma, kullanma, parçaları birleştirme, parçaları sökme ve bakım gibi aktiviteler sadece uygun eğitimleri almış kişiler tarafından yürürlükteki uygulama yönetmeliklerine uygun şekilde yapılabilir.

Bu ekipman üretici tarafından belirlenmiş amacın dışında kullanılırsa, ekipman tarafından sağlanan koruma bozulabilir.

注意事項：在安装、設定、操作或維護本產品前，請先閱讀此文件以及列於「其他資源」章節中有關安裝、設定與操作此設備的文件。使用者必須熟悉安裝和配線指示，並符合所有法規、法律和標準要求。

包括安裝、調整、交付使用、使用、組裝、拆卸和維護等動作都必須交由已經過適當訓練的人員進行，以符合適用的實作法規。

如果將設備用於非製造商指定的用途時，可能會造成設備所提供的保護功能受損。

POZOR: Než začnete instalovat, konfigurovat či provozovat tento výrobek nebo provádět jeho údržbu, přečtěte si tento dokument a dokumenty uvedené v části Dodatečné zdroje ohledně instalace, konfigurace a provozu tohoto zařízení. Uživatelé se musejí vedle požadavků všech relevantních vyhlášek, zákonů a norem nutně seznámit také s pokyny pro instalaci a elektrické zapojení.

Činnosti zahrnující instalaci, nastavení, uvedení do provozu, užívání, montáž, demontáž a údržbu musí vykonávat vhodně proškolený personál v souladu s příslušnými prováděcími předpisy. Pokud se toto zařízení používá způsobem neodpovídajícím specifikaci výrobce, může být narušena ochrana, kterou toto zařízení poskytuje.

UWAGA: Przed instalacją, konfiguracją, użytkowaniem lub konserwacją tego produktu należy przeczytać niniejszy dokument oraz wszystkie dokumenty wymienione w sekcji Dodatkowe źródła omawiające instalację, konfigurację i procedury użytkowania tego urządzenia. Użytkownicy mają obowiązek zapoznać się z instrukcjami dotyczącymi instalacji oraz oprzewodowania, jak również z obowiązującymi kodeksami, prawem i normami.

Działania obejmujące instalację, regulację, przekazanie do użytkowania, użytkowanie, montaż, demontaż oraz konserwację muszą być wykonywane przez odpowiednio przeszkolony personel zgodnie z obowiązującym kodeksem postępowania.

Jeśli urządzenie jest użytkowane w sposób inny niż określony przez producenta, zabezpieczenie zapewniane przez urządzenie może zostać ograniczone.

Obs: Läs detta dokument samt dokumentet, som står listat i avsnittet Övriga resurser, om installation, konfigurering och drift av denna utrustning innan du installerar, konfigurerar eller börjar använda eller utföra underhållsarbete på produkten. Användare måste bekanta sig med instruktioner för installation och kabeldragning, förutom krav enligt gällande koder, lagar och standarder.

Åtgärder som installation, justering, service, användning, montering, demontering och underhållsarbete måste utföras av personal med lämplig utbildning enligt lämpligt bruk.

Om denna utrustning används på ett sätt som inte anges av tillverkaren kan det hända att utrustningens skyddsanordningar försätts ur funktion.

LET OP: Lees dit document en de documenten die genoemd worden in de paragraaf Aanvullende informatie over de installatie, configuratie en bediening van deze apparatuur voordat u dit product installeert, configureert, bedient of onderhoudt. Gebruikers moeten zich vertrouwd maken met de installatie en de bedradinginstructies, naast de vereisten van alle toepasselijke regels, wetten en normen.

Activiteiten zoals het installeren, afstellen, in gebruik stellen, gebruiken, monteren, demonteren en het uitvoeren van onderhoud mogen uitsluitend worden uitgevoerd door hiervoor opgeleide personeel en in overeenstemming met de geldende praktijkregels.

Indien de apparatuur wordt gebruikt op een wijze die niet is gespecificeerd door de fabrikant, dan bestaat het gevaar dat de beveiliging van de apparatuur niet goed werkt.

Summary of Changes

This publication contains the following new or updated information. This list includes substantive updates only and is not intended to reflect all changes.

Topic	Page
Updated the Temperature Specifications.	Throughout
Updated the Connect to an Ethernet Port section.	6
Added the microSD card section.	7
Updated the Remote Switches section.	7

Product Advisories



ATTENTION:

- Installation, adjustments, putting into service, use, assembly, disassembly, and maintenance are required to be carried out by suitably trained personnel in accordance with applicable code of practice.
- In case of malfunction or damage, no attempts at repair should be made. The module should be returned to the manufacturer for repair. Do not dismantle the module.
- When installed in a 1756 Series C Chassis, this equipment is certified for use only within the surrounding air temperature range of -25...+60 °C (-13...+140 °F). The equipment must not be used outside of this range. When installed in a 1756 Series B Chassis, this equipment is certified for use only within the surrounding air temperature range of -25...+50 °C (-13...+122 °F). The equipment must not be used outside of this range.
- Use only a soft dry anti-static cloth to wipe down equipment. Do not use any cleaning agents.
- USB cables are not to exceed 3.0 m (9.84 ft).

Environment and Enclosure



ATTENTION: This equipment is intended for use in a Pollution Degree 2 industrial environment, in overvoltage Category II applications (as defined in EN/IEC 60664-1), at altitudes up to 2000 m (6562 ft) without derating. This equipment is not intended for use in residential environments and may not provide adequate protection to radio communication services in such environments.

This equipment is supplied as open-type equipment for indoor use. It must be mounted within an enclosure that is suitably designed for those specific environmental conditions that will be present and appropriately designed to prevent personal injury resulting from accessibility to live parts. The enclosure must have suitable flame-retardant properties to prevent or minimize the spread of flame, complying with a flame spread rating of 5VA or be approved for the application if nonmetallic. The interior of the enclosure must be accessible only by the use of a tool. Subsequent sections of this publication may contain more information regarding specific enclosure type ratings that are required to comply with certain product safety certifications.

In addition to this publication, see the following:

- Industrial Automation Wiring and Grounding Guidelines, publication [1770-4.1](#), for more installation requirements
- NEMA 250 and EN/IEC 60529, as applicable, for explanations of the degrees of protection provided by enclosures

Prevent Electrostatic Discharge



ATTENTION: This equipment is sensitive to electrostatic discharge, which can cause internal damage and affect normal operation. Follow these guidelines when you handle this equipment:

- Touch a grounded object to discharge potential static.
- Wear an approved grounding wriststrap.
- Do not touch connectors or pins on component boards.
- Do not touch circuit components inside the equipment.
- Use a static-safe workstation, if available.
- Store the equipment in appropriate static-safe packaging when not in use.

IMPORTANT

Any illustrations, charts, sample programs, and layout examples that are shown in this publication are intended solely for the purposes of example. Since there are many variables and requirements that are associated with any particular installation, Rockwell Automation does not assume responsibility or liability for actual use that is based on the examples that are shown in this publication.



WARNING: When you insert or remove the module while backplane power is on, an electric arc can occur. This could cause an explosion in hazardous location installations. Be sure that power is removed or the area is nonhazardous before proceeding. Repeated electric arcing can cause excessive wear to contacts on both the module and its mating connector. Worn contacts can create electrical resistance that can affect module operation.

North American Hazardous Location Approval

The following information applies when operating this equipment in hazardous locations.	Informations sur l'utilisation de cet équipement en environnements dangereux.
Products marked "CL I, DIV 2, GP A, B, C, D" are suitable for use in Class I Division 2 Groups A, B, C, D, Hazardous Locations and nonhazardous locations only. Each product is supplied with markings on the rating nameplate indicating the hazardous location temperature code. When combining products within a system, the most adverse temperature code (lowest "T" number) may be used to help determine the overall temperature code of the system. Combinations of equipment in your system are subject to investigation by the local Authority Having Jurisdiction at the time of installation.	Les produits marqués "CL I, DIV 2, GP A, B, C, D" ne conviennent qu'à une utilisation en environnements de Classe I Division 2 Groupes A, B, C, D dangereux et non dangereux. Chaque produit est livré avec des marquages sur sa plaque d'identification qui indiquent le code de température pour les environnements dangereux. Lorsque plusieurs produits sont combinés dans un système, le code de température le plus défavorable (code de température le plus faible) peut être utilisé pour déterminer le code de température global du système. Les combinaisons d'équipements dans le système sont sujettes à inspection par les autorités locales qualifiées au moment de l'installation.
WARNING: Explosion Hazard - - Do not disconnect equipment unless power has been removed or the area is known to be nonhazardous. - Do not disconnect connections to this equipment unless power has been removed or the area is known to be nonhazardous. Secure any external connections that mate to this equipment by using screws, sliding latches, threaded connectors, or other means provided with this product. - Substitution of components may impair suitability for Class I, Division 2. - If this product contains batteries, they must only be changed in an area known to be nonhazardous.	AVERTISSEMENT: Risque d'Explosion - - Couper le courant ou s'assurer que l'environnement est classé non dangereux avant de débrancher l'équipement. - Couper le courant ou s'assurer que l'environnement est classé non dangereux avant de débrancher les connecteurs. Fixer tous les connecteurs externes reliés à cet équipement à l'aide de vis, loquets coulissants, connecteurs filetés ou autres moyens fournis avec ce produit. - La substitution de composants peut rendre cet équipement inadapté à une utilisation en environnement de Classe I, Division 2. - S'assurer que l'environnement est classé non dangereux avant de changer les piles.

Required System Components

To use the Embedded Edge Compute module, a chassis and power supply are required. The module is compatible with these chassis and power supplies.

Component	Catalog Number
Chassis, series C and series B	1756-A4, 1756-A4K, 1756-A7, 1756-A7K, 1756-A10, 1756-A10K, 1756-A13, 1756-A13K, 1756-A17, 1756-A17K
Power supply, standard	1756-PA72, 1756-PA72K, 1756-PA75, 1756-PA75K, 1756-PB72, 1756-PB72K, 1756-PB75, 1756-PB75K, 1756-PH75, 1756-PC75
Power supply, standard slim	1756-PA50, 1756-PA50K, 1756-PB50, 1756-PB50K
Power supply, redundant	1756-PA75R, 1756-PA75RK, 1756-PB75R, 1756-PB75RK, 1756-PSCA2, 1756-PSCA2K

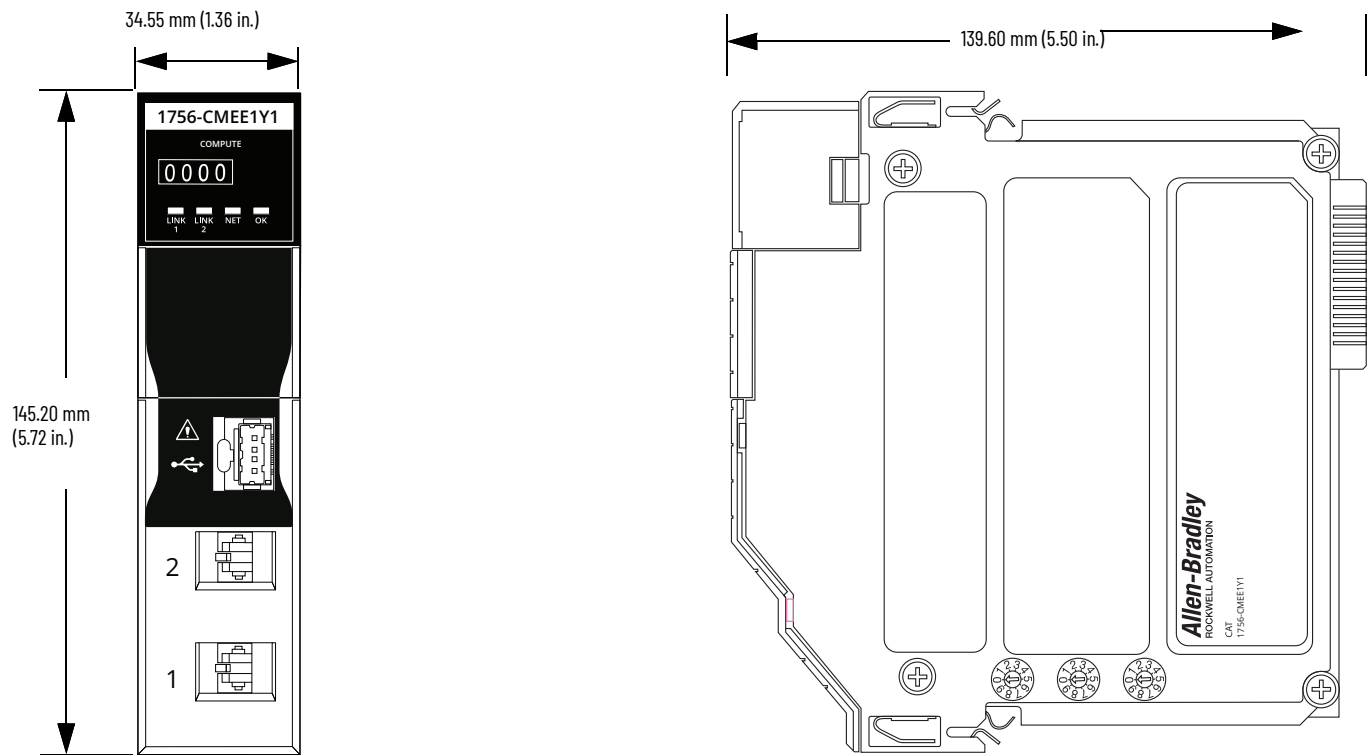
You can use the Embedded Edge Compute module in the following ways:

- In the same chassis as a ControlLogix controller with which it is communicating.
- In a remote chassis that is connected via an EtherNet/IP network to a Logix 5000 controller.
- In a remote chassis that is connected to a ControlLogix redundancy system via an EtherNet/IP network.

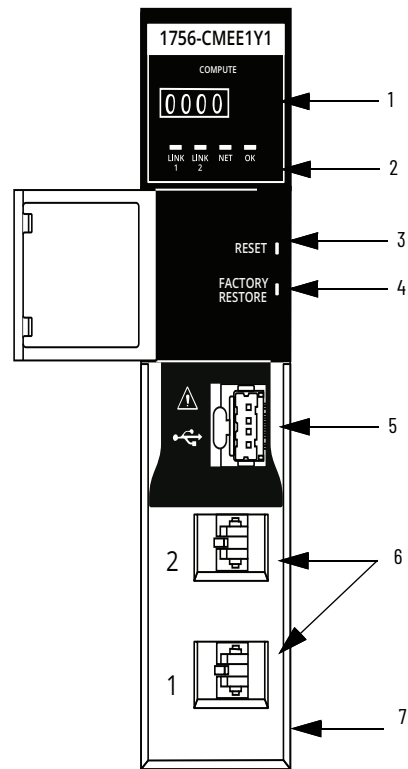
IMPORTANT The Embedded Edge Compute module cannot reside in the primary or secondary chassis in a redundancy system.

For more information on how to use an Embedded Edge Compute in different locations, see the ControlLogix Embedded Edge Compute Module User Manual, publication [1756-UM021](#).

Product Dimensions



Module Overview



ControlLogix Embedded Edge Compute Module Components

Number	Item	Description
1	Four-character display	Scrolls information about the module.
2	Status Indicators	Indicates the current state of the module (OK) and transmission of data on the EtherNet/IP™ network (LINK, NET).
3	Reset Button	- Located behind the module door. - Powers off and reboots the device.
4	Factory Restore Button	- Located behind the module door. - Resets all settings. - Restores the operating system and module firmware.
5	USB 3.0 port	Connect a USB cable or dongle.
6	Ethernet ports 1 and 2	Used after module operation begins. - Port 1 is the bottom port - Port 2 is the top port
7	microSD™ card (1784-MSDHC32)	32 GB of storage. Located on rear of module.

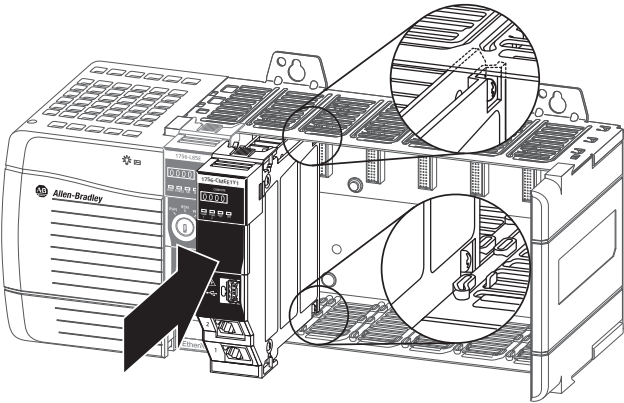
Install the Module

You can install the module in any open slot in a ControlLogix chassis regardless of whether the chassis is local or remote to the controller location.

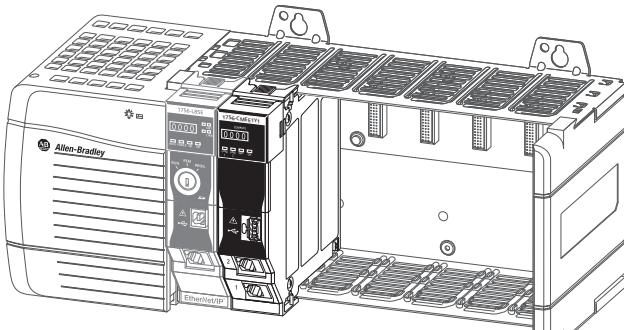


WARNING: WARNING: When you insert or remove the module while backplane power is on, an electric arc can occur. This could cause an explosion in hazardous location installations. Be sure that power is removed or the area is nonhazardous before proceeding. Repeated electric arcing can cause excessive wear to contacts on both the module and its mating connector. Worn contacts can create electrical resistance that can affect module operation.

1. Align the circuit board with the top and bottom guides in the chassis.



2. Slide the modules into the chassis until it snaps into place.
3. Verify that the module is flush with the other installed modules.



Connect to the Module

You can connect to the Embedded Edge Compute module in the following ways:

- USB 3.0 port
- Ethernet ports

This section describes how to connect to each port type. It does not provide details of how to use the ports.

For more information on how to use these connection types, see the ControlLogix Embedded Edge Compute Module User Manual, publication [1756-UM021](#).

Connect to the USB Port

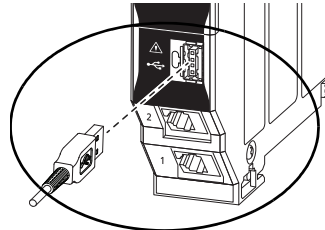


WARNING: If you connect or disconnect the USB cable with power applied to this module or any device on the USB network, an electric arc can occur. This can cause an explosion in hazardous location installations. Be sure that power is removed or the area is nonhazardous before proceeding.

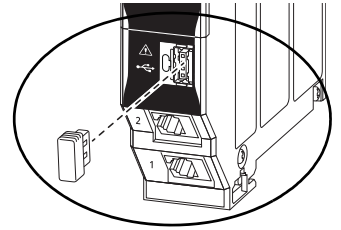
You can use the USB port to connect a USB cable or dongle to the module.

IMPORTANT When fully inserted, USB connectors lock into the USB port. Before removing a USB connector, press the silver release tab on the left side of the USB port.

Connect to the USB Port



USB Cable Connection



USB Dongle Connection

Connect to an Ethernet Port

You can use the Ethernet ports to connect the module to EtherNet/IP and Ethernet networks.



WARNING: If you connect or disconnect an Ethernet cable with power applied to this module or any device on the network, an electric arc can occur. This can cause an explosion in hazardous location installations. Be sure that power is removed or the area is nonhazardous before proceeding.

Port 2 (LAN)

To connect the module to an EtherNet/IP network, connect an RJ45 cable to Port 2.

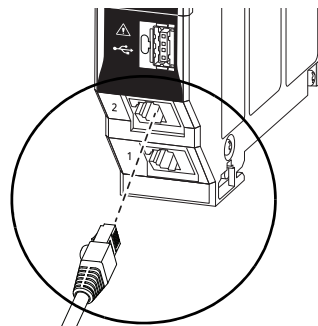
- Only Port 2 can be used for EtherNet/IP communication.
- This Ethernet port can communicate on an EtherNet/IP network at a maximum network communication speed of 1 Gbps.
- The FactoryTalk Optix RA EtherNet/IP driver only supports Port 2.

Port 1 (WAN)

Port 1 can support enterprise-wide Ethernet communication. This Ethernet port can communicate on an Ethernet network at a maximum network communication speed of 1 Gbps.

For more information on the Ethernet ports, see the ControlLogix Embedded Edge Compute Module User Manual, publication [1756-UM021](#).

Connect an Ethernet Cable to the Module



Power the Module

After you install the module and make the necessary connections to it, you can turn on power to the system.

The module performs a power-up sequence. The 4-character display and status indicators on the module indicate when the power-up sequence is complete.

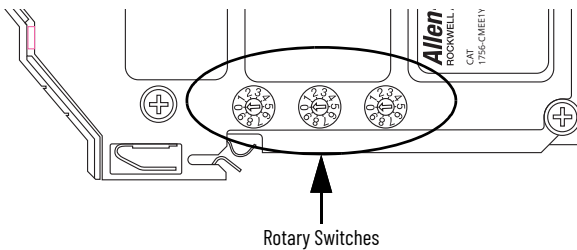
For more information on how to use the 4-character display and status indicators and how to sign in to the OS, see the ControlLogix Embedded Edge Compute Module User Manual, publication [1756-UM021](#).

Rotary Switches



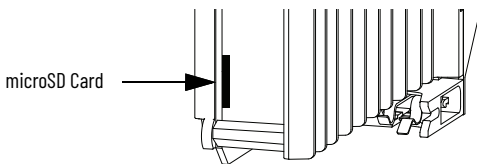
WARNING: When you change switch settings while power is on, an electric arc can occur. This can cause an explosion in hazardous location installations. Be sure that power is removed or the area is nonhazardous before proceeding.

The Embedded Edge Compute module has rotary switches on the side of the module. Out-of-the-box, the switches are set to 000 and are planned for future use.



microSD card

The Embedded Edge Compute module has a microSD card that is installed on the rear of the module.



For more information on the microSD card, see the ControlLogix Embedded Edge Compute Module User Manual, publication [1756-UM021](#).

Reset Button

Embedded Edge Compute modules have a reset button behind the door that powers off and reboots the device.



WARNING: When you press the restart button while power is on, an electric arc can occur. This can cause an explosion in hazardous location installations. Be sure that power is removed or the area is nonhazardous before proceeding.

The button is not used during module installation.

For more information on how to use the restart button after module operation has begun, see the ControlLogix Embedded Edge Compute Module User Manual, publication [1756-UM021](#).

Factory Restore Button

Embedded Edge Compute modules have a factory restore button behind the door. The factory restore button:

- Resets all settings.
- Restores the operating system and module firmware.
- Removes the FactoryTalk® Remote Access™ identity.



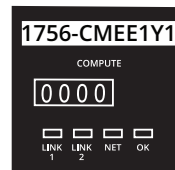
WARNING: When you press the factory restore button while power is on, an electric arc can occur. This can cause an explosion in hazardous location installations. Be sure that power is removed or the area is nonhazardous before proceeding.

The button is not used during module installation.

For more information on how to use the factory restore button after module operation has begun, see the ControlLogix Embedded Edge Compute Module User Manual, publication [1756-UM021](#).

Status Indicators

The module has four status indicators.



← Status Indicators

Indicator	State	Description
LINK 1 LINK 2	Off	No activity. One of these conditions exists: • The device is not connected to a network. • The port is administratively disabled.
	Steady green	The device is connected to a network but is not actively communicating.
	Flashing green	The device is actively communicating on a network.
NET	Off	One of these conditions exists: • The module is not powered. – Verify that there is chassis power. – Verify that the module is completely inserted into the chassis and backplane. – Make sure that the module has been configured. • The module is powered but does not have an IP address. Assign an IP address to the module. • The port is administratively disabled.
	Flashing green	The module has an IP address, but no active connections are established.
	Steady green	The module has an IP address and at least one established active connection.
	Steady red	Duplicate IP address or invalid configuration.
	Flashing Green/Red	The module is performing its power-up testing.
OK	Off	No power is applied to the module.
	Flashing red	One of the following is true: • The device has a recoverable fault. • The device firmware is being updated. • Factory reset is in progress.
	Steady red	One of the following is true: • The module is powered, but is inoperable. • The module has a major nonrecoverable fault.
	Flashing green	The module is booting.
	Steady green	The module is operating normally and the boot phase is completed.

Specifications

Attribute	1756-CME1Y1
Temperature, Surrounding Air, max	60 °C (140 °F) for Standard Chassis, Series C 50 °C (122 °F) for Standard Chassis, Series B
Enclosure type rating	None (open-style)
Voltage and current ratings	5.1V DC @ 1.40 A
Wire size	Ethernet cabling and installation according to IEC 61918 and IEC 61784-5-2
North American temp code	T5

Additional Resources

These documents contain additional information concerning related products from Rockwell Automation. You can view or download publications at rok.auto/literature.

Resource	Description
ControlLogix Embedded Edge Compute Module User Manual, publication 1756-UM021 .	Describes how to use the ControlLogix Embedded Edge Compute Module.
ControlLogix I/O Modules Specifications Technical Data, publication 1756-TD002	Provides specifications for the ControlLogix Embedded Edge Compute module.
EtherNet/IP Network Devices User Manual, ENET-UM006	Describes how to configure and use EtherNet/IP devices to communicate on the EtherNet/IP network.
Ethernet Reference Manual, ENET-RM002	Describes basic Ethernet concepts, infrastructure components, and infrastructure features.
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines for installing a Rockwell Automation® industrial system.
Product Certifications website, rok.auto/certifications .	Provides declarations of conformity, certificates, and other certification details.

Waste Electrical and Electronic Equipment (WEEE)



At the end of life, this equipment should be collected separately from any unsorted municipal waste.

Rockwell Automation maintains current product environmental compliance information on its website at rok.auto/pec.

Your comments help us serve your documentation needs better. If you have any suggestions on how to improve our content, complete the form at rok.auto/docfeedback.

For technical support, visit rok.auto/support.

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Publication 1756-IN091B-EN-P - August 2023 | Supersedes Publication 1756-IN091A-EN-P June 2023

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PN-703923

PN-703923

DIR 1000711436 (Version 01)

Vendor Code: 80460142.01