



# Modicon M660

Advanced iPC Motion Controller



# Modicon

## Discover [Modicon](#)

Edge control for industrial internet of things (IoT)

Modicon IIoT-native edge controllers manage complex interfaces across assets and devices or directly into the cloud, with embedded functional safety and cybersecurity. Modicon provides performance and scalability for a wide range of industrial applications up to high-performance multi-axis machines and high-available redundant processes.

## Explore our offer

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- [Modicon Motion Controllers](#)
- [Modicon PAC](#)
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- [Modicon I/O](#)
- [Modicon Networking](#)
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Life Is On

**Schneider**  
Electric

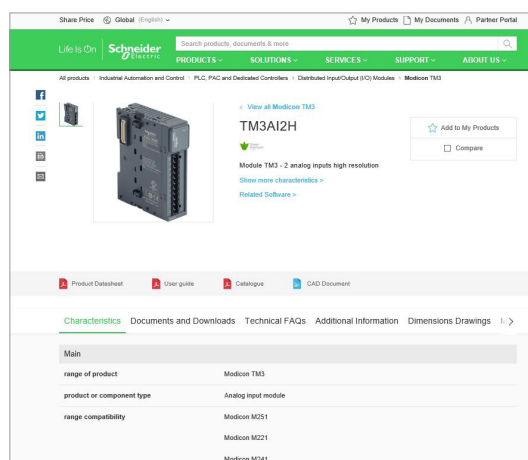
# Quick access to product information

## Get technical information about your product

References

**Modicon TM3**  
I/O expansion modules for Modicon controllers  
Analog I/O modules

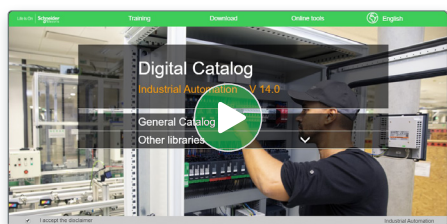
References	Modicon TM3 analog input modules	Input range	Resolution	Input terminal block (T)	Reference	Weight (kg)
2 voltage/current inputs	-10...+10 VDC 0...+10 VDC 0...20 mA / -20 mA	16 bits of	0.001	TM3AI01	0.150	
		16 bits of sign	0.002	TM3AI02	0.150	
4 voltage/current inputs	-10...+10 VDC 0...+10 VDC 0...20 mA / -20 mA	12 bits of	0.001	TM3AI04	0.200	
		11 bits of sign	0.002	TM3AI05	0.200	
4 voltage/current or temperature inputs (I, K, R, S, E, T, N, E, C)	Thermocouple (I, K, R, S, E, T, N, E, C) Temperature sensor (RTD, PT100, PT1000) -10...+10 VDC 0...+10 VDC 0...20 mA / -20 mA	16 bits of	0.001	TM3AI08	0.200	
		16 bits of sign	0.002	TM3AI09	0.200	
4 differential temperature inputs	Thermocouple (I, K, R, S, E, T, N, E, C) RTD-1000	16 bits of	0.001	TM3AI10	0.100	
		16 bits of sign	0.002	TM3AI11	0.100	
4 voltage/current	-10...+10 VDC	12 bits of	0.001	TM3AI12	0.100	
		11 bits of sign	0.002	TM3AI13	0.100	



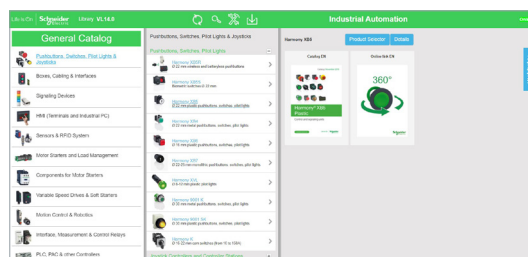
Each commercial reference presented in a catalog contains a hyperlink. Click on it to obtain the technical information of the product:

- Characteristics, Dimensions and drawings, Mounting and clearance, Connections and schemas, Performance curves
- Product image, Instruction sheet, User guide, Product certifications, End of life manual

## Find your catalog



- > With just 3 clicks, you can access the Industrial Automation and Control catalogs, in both English and French
- > Consult digital automation catalogs at [Digi-Cat Online](#)

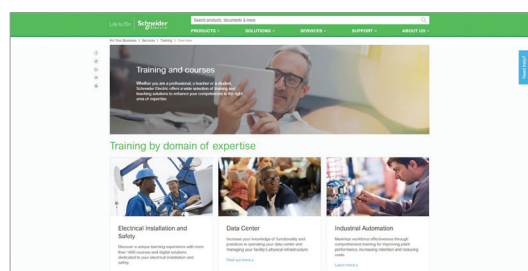


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Life Is On

Schneider Electric

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## Modicon M660

### Advanced iPC Motion Controller

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To be competitive in today's digital era, machine builders must be innovative. Smart machines, those that are better connected, more flexible, more efficient, and safe, are enabling machine builders to innovate in ways never before possible.

EcoStruxure, Schneider Electric's open, IoT-enabled architecture and platform, offers powerful solutions for the digital era. As part of this, EcoStruxure Machine brings powerful opportunities for machine builders and OEMs, empowering them to offer smart machines and compete in the new, digital era.

EcoStruxure Machine brings together key technologies for product connectivity and edge control on premises, and cloud technologies to provide analytics and digital services.

EcoStruxure Machine helps you bring more innovation and added value to your customers throughout the entire machine life cycle.

**Innovation at Every Level for Machines is full systems across three layers:**

- Connected products  
Our connected products for measuring, actuating, device level monitoring, and control adhere to open standards to provide unmatched integration opportunities and flexibility
- Edge Control  
We are IIoT-ready with a proven set of tested and validated reference architectures that enable the design of end-to-end open, connected, and interoperable systems based on industry standards. Ethernet and OPC UA facilitates IT/OT convergence meaning machine builders reap benefits from web interfaces and cloud.
- Apps, Analytics & Services  
Seamless integration of machines to the IT layer allows the collection and aggregation of data ready for analysis – for machine builders and end users alike this means increased uptime and the ability to find information faster for more efficient operations and maintenance.

**These levels are completely integrated from shop floor to top floor. And we have cloud offers and end-to-end cybersecurity wrapped around.**

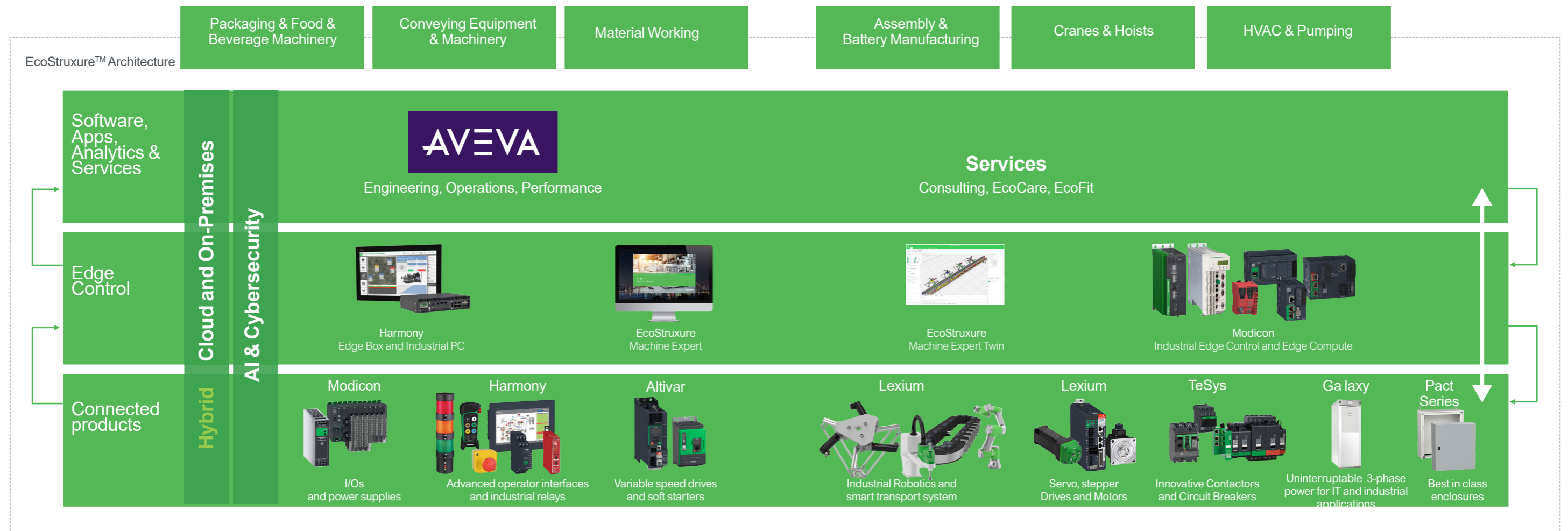
EcoStruxure Machine makes it easier for OEMs/machine builders to offer their customers smarter machines. The advent of smart machines is driven by the changing needs of end users:

- Evolving workforce
- Reducing costs
- Dynamic markets
- Shorter life cycles
- Prioritizing functional safety and cybersecurity

EcoStruxure Machine provides one solution for the whole machine life cycle:

- With Smart Design & Engineering the time to market is reduced by up to 30% using our automated engineering and the simulation capabilities
- During Commissioning & Operation of the machine, resources such as energy, material and loss can be improved, and with seamless integration to the IT world efficiency can be improved by up to 40%
- Smart Maintenance & Services reduces the time for corrective actions up to 50%

# EcoStruxure™ Machine



### Modicon M660



### Brand purpose

- > As a trusted partner in sustainability and efficiency, Schneider Electric's mission is to help OEMs, machine builders, and manufacturers to easily implement next-generation, software-centric machines, all while reducing cost and time to market.
- > Advanced motion control systems, with motion controllers at their core, are fundamental components of next-generation machines. Given the higher precision, speed, and adaptability demanded by modern industrial processes, upgrading to motion controllers allows users to integrate the latest innovations, including connectivity, seamless integration with IoT platforms, and computing. This allows them to process and analyze data closer to the data source, enabling real-time decision-making, reducing latency, and enhancing overall system responsiveness.
- > These systems are instrumental in achieving greater efficiency, flexibility, and connectivity, and they make a significant contribution to smart manufacturing.

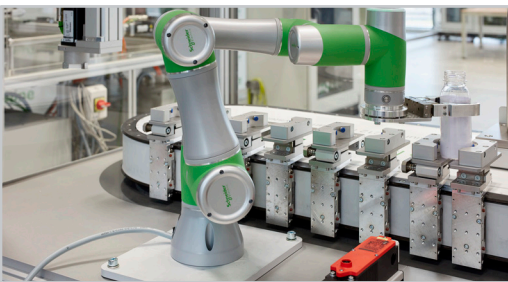
### Solution

- > In a context of increasing demands for flexibility, connectivity, and efficiency in modern industrial automation, machine builders and manufacturers are looking for easy and cost-effective automation solutions for real-time data analytics, predictive maintenance capabilities, and seamless integration with Industry 4.0 technologies, to help ensure more precise control, faster response times and adaptation, and improved energy efficiency.
- > The new generation of cutting-edge motion controllers can help manufacturers to overcome traditional constraints, improve performance, and meet the increasing demands for flexibility, connectivity, and efficiency in modern industrial automation.
- > By providing a single integrated, IoT-ready platform encompassing the full motion control system, including robotics, automation control, and digital services, Schneider Electric is positioned to deliver maximum benefits throughout the life cycle. With the new Advanced iPC Motion Controller, easily programmed through an open and unified engineering environment, operational agility and cost efficiency are prioritized, taking the motion control system to the next level. The higher processing power with the latest generation Intel multicore-processor and advanced algorithms enable faster and more precise control of machines, ultimately leading to improved productivity and quality. This emphasis on cutting-edge technology and seamless integration sets a significant foundation for meeting evolving industry demands.

### Overview

- > The Modicon M660 is available in two configurations:
  - Motion controller
  - Compute Motion controllers
- > This unique design combines the real-time control capabilities of a motion controller with the flexibility and computing power of an industrial PC in a single device.
- > This integrated approach enables seamless integration of control, data processing, and communication in any applications where real-time control, low latency, and immediate decision-making are crucial, such as robotics and motion control systems in manufacturing.
- > Modicon M660 incorporates high-speed processors, enhanced communication interfaces, and robust cybersecurity positioning it as an attractive choice for next-generation motion control systems with computing needs.
- > Its modular design and simplified programming within a unified engineering environment provide operational agility and cost efficiency through easier upgrades and scalability, enabling it to meet diverse application requirements and accommodate future expansion, while also facilitating smooth integration with other automation devices.

### Modicon M660



[Explore Environmental Data on our offer.](#)

### Solution integration, data-driven performance

#### Connectivity

- > Designed for seamless solution integration and data-driven performance, helping to ensure compatibility with connectivity enhancements and simulation integration
- > Future-ready with TSN (Time Sensitive Networking) technology enabling communication over Ethernet (to be used with OPC UA FX)

#### Edge computing

In the iPC motion controller with data processing version, an additional operating system based on Windows is available, enabling the use of data processing and analytics

#### Programming

Programmed using EcoStruxure Machine Expert, an engineering software for motion control design that leverages digital twin and AI technologies for optimized performance

### Performance, modularity, and scalability

The iPC motion controller with data processing merges the real-time control functions of a motion controller with the versatility and computational capacity of an industrial PC within a single device.

This integrated approach enables seamless integration of control, data processing, and communication in applications where real-time control, low latency, and immediate decision-making are crucial.

- > Combining motion, functional safety, and edge computing in one device
- > 64-bit runtime system
- > Intel multi-core processors available based on customer needs (U300, i3, i5, and i7)
- > Scalable RAM memory up to 64 GB and storage up to 1 TB
- > Multiple Ethernet end points with different fieldbuses

### Functional safety and cyber ready

The Modicon M660 Advanced iPC Motion Controller offers robust cybersecurity and embedded functional safety features to help maintain operational continuity, protect sensitive data, and ensure functional safety for personnel and equipment.

- > Cybersecure: Designed with an embedded Trusted Platform Module (TPM) and compliant with IEC 62443-4-1/2, this solution helps ensure that your machinery and processes are safeguarded against cyber threats
- > Functional safety
  - Offering a comprehensive range of functional safety functions designed to align with industry-leading safety standards, including IEC 61508, ISO 13849-1, IEC 62061, and IEC 61800-5-2.
  - Helping to ensure a functionally safe working environment, providing distributed functional safety solutions for peace of mind and compliance with global safety regulations.

### Sustainability, energy efficiency, and resilience

Modicon M660 Advanced iPC Motion Controller optimizes energy usage, improves process efficiency, and enables predictive maintenance to reduce energy consumption, minimize waste, and prolong equipment lifespan, aligning with sustainable manufacturing practices.

Partnering with Schneider Electric provides access to the Environmental Data Program, which categorizes and measures product environmental attributes and footprints. It builds on the Green Premium Program, utilizing a fact-based methodology.

- > Passive cooling (variants without fan and controlled fan)
- > Power saving modes

# Modicon M660

## Advanced iPC Motion Controller

Applications	For full motion control power including mechatronic and robotic functions	For full motion real-time performance and data processing
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<b>CPU</b>	Intel U300E	Intel Core i3-1320	Intel Core i3-1320	Intel Core i5-1350	Intel Core i7-1370	Intel Core i3-1320	Intel Core i3-1320	Intel Core i5-1350	Intel Core i7-1370	Intel Core i7-1370	
<b>P-Cores + E-Cores/Hyperthreads</b>	1P + 4E/6T	4P + 4E/12T	4P + 4E/12T	4P + 8E/16T	6P + 8E/20T	4P + 4E/12T	4P + 4E/12T	4P + 8E/16T	6P + 8E/20T	6P + 8E/20T	
<b>Frequency</b>	1.1 GHz	1.7 GHz	1.7 GHz	1.8 GHz	1.9 GHz	1.7 GHz	1.7 GHz	1.8 GHz	1.9 GHz	1.9 GHz	
<b>RAM</b>	4 GB	4 GB	4 GB	8 GB	8 GB	8 GB	8 GB	8 GB	8 GB	8 GB	
<b>Operating system</b>	Real-time OS					Windows OS					
<b>SD card interface</b>	For managing application and firmware in an easy and secure manner: - 1x SDHC support (32 GB)/SDXC support (2 TB) - > 35 MB/s					For managing application and firmware in an easy and secure manner: - 1x SDHC support (32 GB)/SDXC support (2 TB) - > 35 MB/s					
<b>Capacity</b> SSD local storage	-					256 GB	512 GB	2x 512 GB	2x 512 GB	2x 512 GB	
<b>Communication interface</b>	Single Ethernet (100/1000/2.5G Base-T)	2	2	2	2	2	2	2	2	2	
	Dual switch SERCOS/TSN (100/1000 Base-T)	1	1	2	2	3	1	2	2	3	
	USB 2/USB 3 Type A (up to 5 Gbps)	3	3	3	3	3	3	3	3	3	
	USB 3.2 Type C (10 Gbps)	-	-	-	-	-	1	1	1	1	
	NFC (Near Field Communication)	1	1	1	1	1	1	1	1	1	
	Display Port	-	-	-	-	-	1	1	1	1	
<b>Fieldbuses</b>	SERCOS III, PROFINET (2), EtherCAT (2), EtherNet/IP (2)					SERCOS III, PROFINET (2), EtherCAT (2), EtherNet/IP (2)					
<b>Maximum number of servo axes over SERCOS III</b>	16	32	64	Up to 64 synchronized axes (130 planned) via Sercos III		32	64	Up to 64 synchronized axes (130 planned) via Sercos III			
<b>Digital inputs</b>	4 fast inputs type 1 (according to IEC 61131-2)										
<b>Options</b>	Optional module type (2)	- Communication port module for TSN Ethernet, SERCOS III, EtherNet/IP, PROFINET, or EtherCAT - Modem module - WiFi module - Pacnet interface module					- Communication port module for TSN Ethernet, SERCOS III, EtherNet/IP, PROFINET, or EtherCAT - Modem module - WiFi module - Pacnet interface module				
	Mini PCIe slots	2	2	2	2	2	2	2	2	2	
	Max. number of modules to be installed	2	2	2	2	2	2	2	2	2	
<b>I/O expansion module system compatibility</b>	With Modicon Edge I/O NTS over SERCOS III (1), please consult catalog ref. <a href="#">DJA3ED2240601EN</a>										
<b>Configuration software</b>	With EcoStruxure Machine Expert										
<b>Housing dimensions (width x height x depth) (without mounting plate)</b>	100 mm (3.94 in.) x 270 mm (10.62 in.) x 195 mm (7.67 in.)									150 mm (5.91 in.) x 310 mm (12.2 in.) x 195 mm (7.67 in.)	
<b>Motion controller</b>	Type	<b>Motion controllers</b>					<b>Compute Motion controllers</b>				
	Reference	MN660C153N1010	MN660C253N1010	MN660C254N1010	MN660C354N2010	MN660C455N2010	MN660P253N2011W0	MN660P254N2012W0	MN660P354N2013W0	MN660P455N2013W0	MN660P455N2023W0
<b>See page</b>	16					16					

(1) Pictures are illustrative. The actual number of Ethernet ports on the device might differ from what is shown in the picture.  
 (2) Planned commercialization.

# Modicon M660

## Advanced iPC Motion Controller



Modicon M660 Advanced iPC Motion Controller

### Modicon M660 range

**Modicon M660 Advanced iPC (1) Motion Controllers provide high precision, fast throughput, synchronization capabilities, real-time control, and customization options in industrial motion control applications.**

- Precise control over motion, allowing for accurate positioning and movement in industrial applications
- Processing of motion commands at high speeds, leading to faster throughput and increased productivity in manufacturing processes
- Synchronization of multiple axes of motion, enabling coordinated movement in multi-axis systems
- Real-time control and communication capabilities, enabling motion commands to be executed with minimal latency

### Targeted applications

The Modicon M660 range is dedicated to industrial motion control applications, where real-time control, low latency, and immediate decision-making are crucial, such as robotics and motion control systems in the following manufacturing sectors :

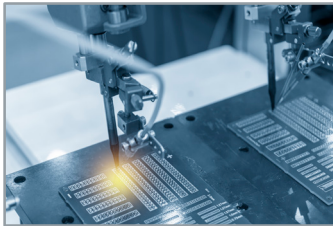
- Electrical and Electronics
- Food & Beverage
- Packaging
- Material handling
- Semiconductor
- Life sciences
- Battery manufacturing
- Conveying
- Material working

### System components

The Modicon M660 range consists of two types of motion controller, communication modules, gateways, and mounting accessories.

- The **MN660C** Motion controllers provide:
  - Full motion control power with embedded mechatronic and robotic functions
  - Synchronized axis: 16, 32, 64, 130 axes via SERCOS
  - Real-time OS
  - Intel processors
- The **MN660P** Compute Motion controllers enhance the **MN660C** Motion controllers by incorporating industrial PC capabilities:
  - Industrial PC (iP-based controller including real-time motion and OS virtualization
  - Data acquisition and processing at the edge instead of at a remote host
  - OS virtualization (Windows)
  - Extensive logging, analytics, and diagnostics
  - Visualization, dashboards
  - Containers/Apps
  - Cybersecurity (TPM)
- The mounting accessories, reference **MNAH6**, complete the hardware offer:
  - Fan kit
  - Kits for rear wall mounting or side wall mounting
  - Cable holder
  - Spring connectors

(1) industrial PC



Electrical and Electronics application



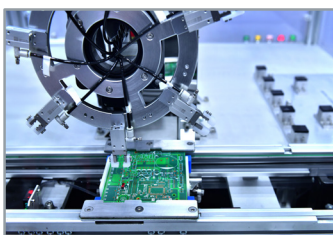
Food & Beverage application



Packaging application



Material handling application



Semiconductor application

# Modicon M660

## Advanced iPC Motion Controller



MN660C Motion controllers



MN660P Compute Motion controllers

### Modicon M660 range

#### Embedded equipment

- Embedded equipment on **MN660C** Motion controllers:
  - Device diagnosis and operation
  - Digital inputs
  - Watchdog output
  - 2x USB 3.1 type A and 1x USB 2.0 covered
  - SD card
  - 2x separate single Ethernet ports
  - 1x dual-port Ethernet interface for real-time communication
- Additional components on **MN660P** Compute Motion controllers:
  - 1x USB 3.2 Type C (also usable as a second display port)
  - 1x display port connector
  - Optional battery
  - Solid State Drive (SSD) for local storage

#### Performance

Multiple CPU types are available depending on the Modicon M660 Motion and Compute Motion controller model to accommodate the requirements of motion control.

- Processors and RAM

M660 controllers are equipped with Intel processors with a hybrid architecture using performance cores (P-Cores) and efficient cores (E-Cores):

Processor type	Intel U300E	Intel Core i3-1320	Intel Core i5-1350	Intel Core i7-1370
Cores (P-Cores + E-Cores)	5 (1P + 4E)	8 (4P + 4E)	12 (4P + 8E)	14 (6P + 8E)
Hyperthreads	6	12	16	20
Frequency	1.1 GHz	1.7 GHz	1.8 GHz	1.9 GHz
RAM for standard references (scalable up to 64 GB)	4 GB (LPDDR5)	4 or 8 GB (LPDDR5)	4 or 8 GB (LPDDR5)	4 or 8 GB (LPDDR5)

- Control performance and network characteristics

Controller type	MN660●153	MN660●253	MN660●254	MN660●354	MN660●455
Maximum number of synchronized axes via SERCOS	16	32	64	130	130
Minimum cycle time for axes (SERCOS)	1 ms	1 ms	1 ms	1 ms	1 ms
Minimum cycle time for I/O (SERCOS)	1 ms	1 ms	1 ms	1 ms	1 ms
Ethernet end points	3	3	4	4	5

#### Embedded I/O

Modicon M660 Motion and Compute Motion controllers embed four digital inputs (IEC 61131-2 Type 1) connected to the controller via removable spring terminal blocks on the controller front face. The digital inputs are used to connect controllers to their machine environment, to monitor and trigger a shutdown or reset, or to monitor an external inverter, for example.

# Modicon M660

## Advanced iPC Motion Controller



Consult catalog ref. [DIA3ED2240601EN](#)

### Modicon M660 range

#### Extended I/O with I/O systems

Modicon M660 Motion and Compute Motion controllers can be combined with **Modicon Edge I/O NTS** offer, allowing distributed I/O over EtherNet/IP network, Modbus TCP and SERCOS fieldbuses (1).

#### Certifications and standards

- The Modicon M660 range meets the requirements of the following certifications:
  - CE
  - cULus
  - UKCA
  - EAC (pending)
  - RCM (pending)
  
- The Modicon M660 range conforms to the following standards:
  - EN/IEC 61000-4-2
  - EN/IEC 61000-4-4
  - EN/IEC 61131-2
  - UL/CSA 61010-2-201

#### Characteristics

The Modicon M660 range complies with class 2K12 according to IEC 60721-3-3 (climatic conditions), and IEC 61800-5-2 safe motion functions.

<b>Ambient air temperature for operation</b> (vertical installation)	<p><b>MN660C153N1010:</b></p> <ul style="list-style-type: none"> <li>- with fan kit and with all optional cards: 0 to 55 °C (32 to 131 °F)</li> <li>- without fan kit and without all optional cards: 0 to 55 °C (32 to 131 °F)</li> <li>- without fan kit and with all optional cards: 0 to 35 °C (32 to 95 °F)</li> </ul> <p><b>MN660C253N1010, MN660P253N2011W0, MN660P354N2013W0:</b></p> <ul style="list-style-type: none"> <li>- with fan kit and with all optional cards installed: 0 to 55 °C (32 to 131 °F)</li> <li>- without fan kit and without all optional cards: 0 to 45 °C (32 to 113 °F)</li> <li>- without fan kit and with all optional cards: 0 to 35 °C (32 to 95 °F)</li> </ul> <p><b>MN660C254N1010, MN660C354N2010, MN660C455N2010, MN660P254N2012W0, MN660P455N2013W0, MN660P455N2023W0:</b></p> <ul style="list-style-type: none"> <li>- With fan kit and with all optional cards installed: 5...55 °C (32 to 131 °F)</li> <li>- without fan kit and without all optional cards: 5...50 °C (32 to 122 °F)</li> <li>- without fan kit and with all optional cards: 5...40 °C (32 to 104 °F)</li> </ul>
<b>Relative humidity</b> (non-condensing)	5...95%
<b>Operating altitude</b>	< 2,000 m (< 6,562 ft)
<b>Degree of protection</b>	IP20 according to IEC 60529
<b>Mounting location</b>	Flat mounting and book mounting
<b>Type of cooling</b>	<ul style="list-style-type: none"> <li>- Fanless</li> <li>- By fan (with optional kit)</li> </ul>
<b>RTC/Backup Battery</b>	1 (Optional)
<b>Watchdog</b>	Yes, for resistive load maximum 24 V (+25%)/2A
<b>Electrical connection</b>	With removable terminal block, located on front or top of the controller (provided with the controller)
<b>Cybersecurity</b>	Secure Boot for Windows and real-time OS

#### Power supply characteristics

The Modicon M660 Motion and Compute controllers are supplied by an external 24 V power supply unit that meets the following requirements:

- Rated supply voltage: 24 VDC (-15%/+25%/5% AC ripple)
- Supply voltage limits: 19.2 to 31.2 VDC
- Protective Extra Low Voltage (PELV) power supply unit

View our power supply offer in catalog ref. [DIA3ED2170401EN](#)

(1) Planned commercialization.



Consult catalog ref. [DIA3ED2170401EN](#)



EcoStruxure Machine Expert

### EcoStruxure Machine Expert

#### Engineering software

Modicon M660 Motion and Compute Motion controllers are engineered using **EcoStruxure Machine Expert** a single Engineering software for motion control design.

■ **EcoStruxure Machine Expert** covers the full engineering lifecycle:

- Version management
- Testing
- Deployment
- Diagnostics and remote services

Furthermore, it connects with a range of engineering tools through open interfaces.

■ **EcoStruxure Machine Expert** supports all the IEC 61131-3 languages, integrated fieldbus configurators, expert diagnostic and debugging functions, and motion design, as well as multiple capabilities for commissioning, maintenance, and visualization.

#### Capacity

**EcoStruxure Machine Expert** introduces innovative features for efficient machine development as a portal with different control applications:

- It allows you to manage your automation projects throughout the full lifecycle, including engineering and operation.
- It figures a collaborative environment with data sharing and integrated advanced apps such as **AI Assistant** and **Digital Twin**.
- It allows multi-user and versioning.
- It provides a functional view in a project tree to program machines in a modular way.
- It embeds:
  - **IIoT** standard libraries (MQTTs, HTTPs, JSON, etc.) to connect the controller to web APIs, our cloud services or third-party systems. Project examples and function templates help with how to use these technologies.
  - Python programming language interface:
    - to increase programming efficiency, by automating development and project generation
    - to integrate **EcoStruxure Machine Expert** in the company's individual environment and automate workflows
  - **ETEST** framework for a higher quality of application code thanks to automated IEC software unit test
  - Browser responsive documentation accessible offline or online from any smart device with an internet connection
  - The Multi Carrier Configurator:
    - a single editor developed to configure the complete Lexium MC12 multi carrier
    - including automatic generation of emulation data
    - integrated digital twin for emulation

# Modicon M660

## Advanced iPC Motion Controller

### Integration into Schneider Electric Motion Control solution

- Modicon M660 Motion controllers and Compute Motion controllers monitor and control various motion-related devices, including servo drives, servo motors, stepper motors, actuators, robotics, and multi carrier systems. They coordinate the movement and positioning of these devices to achieve precise and synchronized operation within the automated system.

Apps, Analytics & Services

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Edge Control

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Connected Products

**AVEVA**  
System Platform for Industrial Automation Software



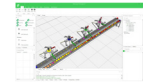
**AVEVA™ Insight**  
Make decisions with complete visibility of your operations and assets in the cloud



**EcoStruxure Machine Expert**  
Simplify machine programming and commissioning



**Extended Reality (XR) Solutions**  
Augmented reality, virtual reality, and mixed reality in a single industrial software solution



**EcoStruxure Machine Expert Twin**  
Scalable digital twin software suite



**Modicon M660**  
Advanced iPC Motion Controller



**PacDrive LMC Eco/Pro2:**  
Motion controller for automating machines/lines



**Modicon TM5CSLC**  
Safety logic controller



**Modicon M262**  
Logic/Motion controllers



**Lexium 62**  
Multi-axis servo drive



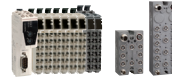
**Lexium 32S**  
Servo drives



**Lexium 62 ILM**  
Multi-axis integrated servo drives



**Modicon Edge I/O NTS**  
The future-ready I/O system for data aggregation



**Modicon TM5/Modicon TM7**  
Performance I/O systems



**Modicon TM5/Modicon TM7**  
Performance Safety I/O systems



**Lexium SCARA**  
Scara robot



**Lexium PAS\_PAD**  
Linear axes



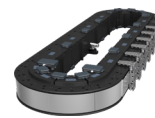
**Lexium MAX**  
Multi-axis system for three-dimensional positioning solutions



**Altivar Machine ATV340S**  
Variable speed drive



**Lexium T, Lexium P**  
Delta robot



**Lexium MC12**  
Modular multi carrier system



**Lexium Robot**  
Collaborative robot

### Integration as part of a complete EcoStruxure solution for targeted applications

- Control integration with hardware platforms from the Schneider portfolio configured with **EcoStruxure Machine Expert**
- Software integration: integration interface to robot library
- Communication integration with a wide range of fieldbuses to communicate with software and devices via Ethernet, SERCOS, and OPC UA (1) (including third-party PLC and devices for an open system approach)

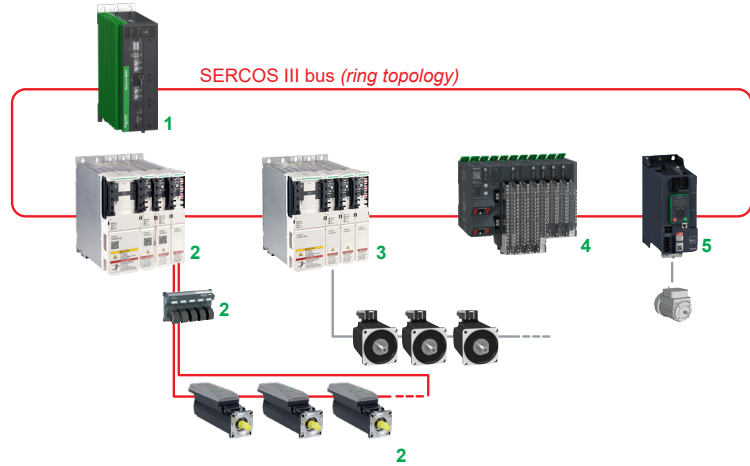
(1) Planned commercialization.

### Ethernet-based synchronized motion communication

#### SERCOS

Modicon M660 Motion and Compute Motion controllers utilize the SERCOS fieldbus to exchange data with a variety of motion devices, including servo drives, motors, and sensors, through sending and receiving operations.

- SERCOS Master:  
**1** Modicon M660 Motion controller/Modicon M660 Compute Motion controller
- SERCOS slaves:  
**2** Lexium 62 ILM integrated drive  
**3** Lexium 62 multi-axis drive system  
**4** Modicon Edge I/O NTS (1)  
**5** Altivar Machine ATV340S variable speed drive

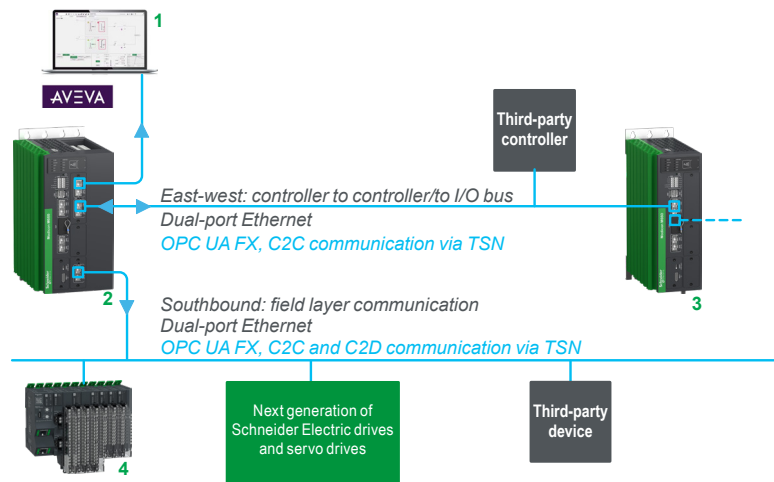


- One cable simplifies the architecture and fieldbus wiring. Manage EtherNet/IP and SERCOS devices on the same cable.
- Synchronized motion: up to 130 axes
- Redundancy
- Topology: line and ring

#### OPC UA/TSN (1)

OPC UA/TSN enables real-time communication and interoperability in industrial systems, providing for secure and deterministic communication over standard Ethernet, supporting the requirements of Industry 4.0 and IIoT (Industrial Internet of Things) applications. It is designed to meet the needs of high-performance industrial automation and control systems.

- 1** Cloud Advisors MES SCADA Engineering  
**2** Modicon M660 Compute Motion controller  
**3** Modicon M660 Motion controller  
**4** Modicon Edge I/O NTS



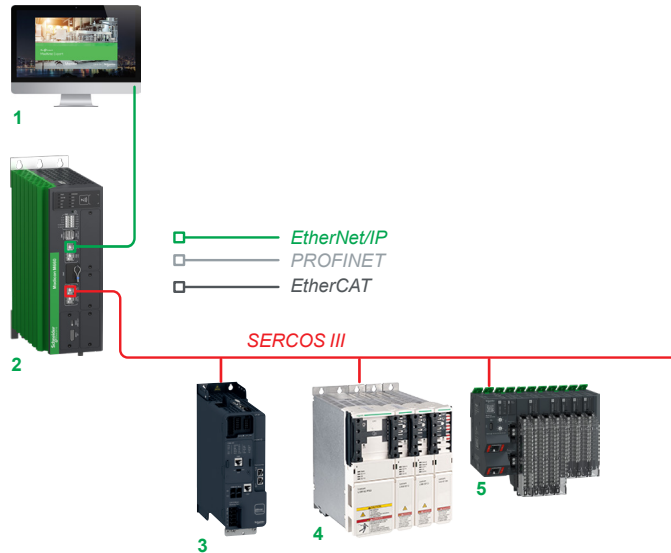
- Synchronized motion: up to 300 axes per controller
- Transparency: homogenous access from cloud to field device
- Flexible topology: peer-to-peer, cascading, and switched configurations for real-time data transfer and distributed synchronous motion
- Openness: third-party controller and device connectable
- Multiple cycle times on one wire
- Modular hardware and software: pluggable hardware modules for more connectivity; activation of functionality via firmware
- Integrated security: Secure OPC UA sessions with certificate-based authentication and optional encryption

(1) Planned commercialization.

### Ethernet-based communication

With Profinet (1), EtherNet/IP (1), EtherCAT (1), and SERCOS III

- 1 EcoStruxure Machine Expert
- 2 Modicon M660 Motion controller
- 3 Altivar Machine ATV340S variable speed drive
- 4 Lexium 62 multi-axis drives
- 5 Modicon Edge I/O NTS



■ In addition to the SERCOS III bus, M660 Motion controllers support the following communication standards:

- EtherNet/IP (1)
- PROFINET (1)
- EtherCAT (1)

■ IT protocols:

- TCP/IP
- UDP/IP
- OPC UA
- Secure protocol variants FTPS, HTTPS
- HTTP (embedded Web visualization)

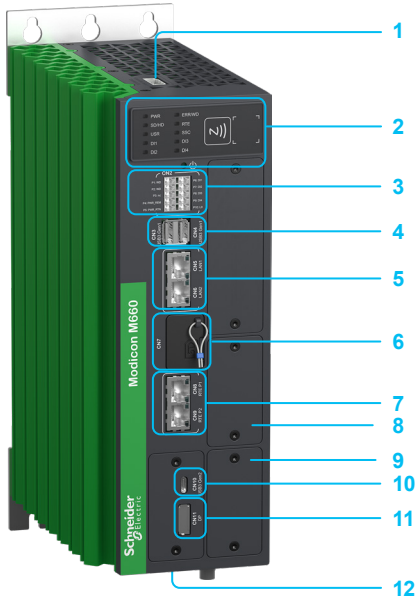
These protocols enable the motion controller to communicate with secondary ecosystem devices such as variable speed drives, Human machine interfaces, third-party programmable logic controller, and third-party devices.

■ USB ports are embedded in M660 Motion and Compute Motion controllers.

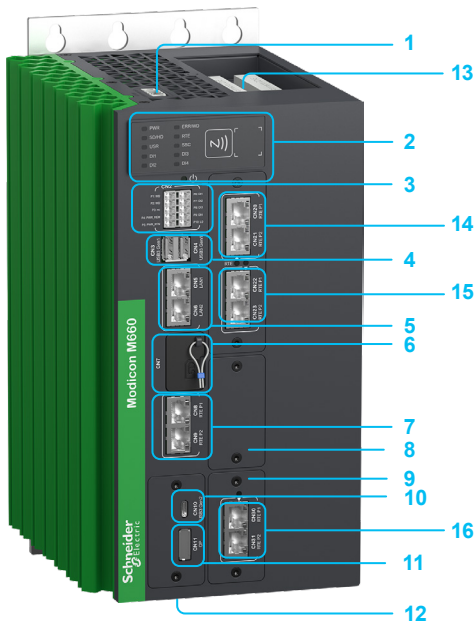
(1) Planned commercialization.

# Modicon M660

## Advanced iPC Motion Controller



Motion controller/Compute Motion controller



MN660P455N2023W0 Compute Motion controller

### Description

#### Motion controller and Compute Motion controller

- 1 Connector for 24 VDC power supply connector
- 2 Device diagnosis and operation
  - 1x button (On, Sleep, Off)
  - 10x LEDs (PWR, HDD, ERR/WD, SSC, RTE, User) and 4x DI LEDs
  - NFC (Near Field Communication) – diagnostics with and without power
- 3 4x digital inputs, Watchdog output (CN2)
- 4 2x USB 3.2 Gen 1 Type A connector and 1x USB 2.0 covered (inside device, sealable) (CN3, CN4)
- 5 2x RJ45 LAN 1/LAN 2 (CN5, CN6)
- 6 SD card (sealable) (CN7)
  - RT firmware, IEC application, user data
  - Remove and insert on device replacement
- 7 2x RJ45 Real-Time Ethernet ports RTE (CN8, CN9)
  - Two single-port, separate endpoint Ethernet (Ethernet protocols)
  - One dual-port Ethernet switch interface: redundant SERCOS
- 8 Standard PCIe PC cards half-size (optional) (on **MN660P** Compute Motion controllers)
- 9 2x mini PCIe slots (internal) and front connector slot
- 10 USB 3.2 port, Type C (CN10) (on **MN660P** Compute Motion controllers)
- 11 Display port (CN11) (on **MN660P** Compute Motion controllers)
- 12 Grounding screw (bottom of housing)

#### On MN660P455N2023W0 Compute Motion controller

- 13 PCIe slot (half-size)
- 14 2x RJ45 Real-Time Ethernet ports RTE (CN20, CN21)
- 15 2x RJ45 Real-Time Ethernet ports RTE (CN22, CN23)
- 16 2x RJ45 Real-Time Ethernet ports RTE (CN30, CN31)

# Modicon M660

## Advanced iPC Motion Controller



MN660C153N1010, N660C253N1010,  
MN660C254N1010, MN660C354N2010,  
MN660C455N2010, MN660P253N2011W0,  
MN660P254N2012W0, MN660P354N2013W0



MN660P455N2023W0



MNAH6AFS01



MNAH6AFL01



MNAH6MBS



MNAH6MBL



MNAH6ACH



MNAH6MF



MNAH6ACS01

### References

Synchronized axes over SERCOS	Ethernet endpoints	Memory	Storage capacity	Operating system	Reference	Weight kg/lb
<b>Motion controllers</b>						
16	3x Ethernet ports	4 GB	–	Real-time	<a href="#">MN660C153N1010</a>	4.650/ 10.25
32	3x Ethernet ports	4 GB	–	Real-time	<a href="#">MN660C253N1010</a>	4.650/ 10.25
64	4x Ethernet ports	4 GB	–	Real-time	<a href="#">MN660C254N1010</a>	4.650/ 10.25
64 (130 planned)	4x Ethernet ports	8 GB	–	Real-time	<a href="#">MN660C354N2010</a>	4.650/ 10.25
	5x Ethernet ports	8 GB	–	Real-time	<a href="#">MN660C455N2010</a>	4.650/ 10.25

### Compute Motion controllers

32	3x Ethernet ports	8 GB	256 GB	Windows 11	<a href="#">MN660P253N2011W0</a>	4.650/ 10.25
64	4x Ethernet ports	8 GB	512 GB	Windows 11	<a href="#">MN660P254N2012W0</a>	4.650/ 10.25
64 (130 planned)	4x Ethernet ports	8 GB	2x 512 GB	Windows 11	<a href="#">MN660P354N2013W0</a>	4.650/ 10.25
	5x Ethernet ports	8 GB	2x 512 GB	Windows 11	<a href="#">MN660P455N2013W0</a>	4.650/ 10.25
	5x Ethernet ports	8 GB	2x 512 GB	Windows 11	<a href="#">MN660P455N2023W0</a>	6.000/ 13.22

### Mounting accessories

Designation	To use with	Reference	Weight kg/lb
Fan kit	MN660C and MN660P (except MN660P455N2023W0)	<a href="#">MNAH6AFS01</a>	0.176/ 0.39
	MN660P455N2023W0	<a href="#">MNAH6AFS02</a>	0.176/ 0.39
	MN660P455S2023W0	<a href="#">MNAH6AFL01</a>	0.250/ 0.55
Book mounting kit	MN660C and MN660P (except MN660P455N2023W0)	<a href="#">MNAH6MBS</a>	0.100/ 0.22
	MN660P455S2023W0	<a href="#">MNAH6MBL</a>	0.109/ 0.24
Flat mounting installation kit	MN660C and MN660P	<a href="#">MNAH6MF</a>	0.476/ 1.05
Cable holder	MN660C and MN660P	<a href="#">MNAH6ACH</a>	0.008/ 0.01
Complete spring connector set: 3x spring removable connectors 4x fixing washers 1x threaded nuts	MN660C and MN660P	<a href="#">MNAH6ACS01</a>	0.011/ 0.02

# Modicon M660

## Advanced iPC Motion Controller



### References

#### Spare parts

Designation		Reference	Weight kg/ lb	
<b>Compact flash memory card</b>	512 MB	<a href="#">VW3E7037000000</a>	0.025/ 0.06	
<b>Battery</b>	Lithium battery 3 V	<a href="#">VW3E6020</a>	0.060/ 0.13	
<b>SERCOS cables</b> For redundant SERCOS ring Equipped with two RJ45 connectors	0.5 m	<a href="#">1.6 ft</a>	<a href="#">VW3E5001R005</a>	0.045/ 0.10
	1 m	<a href="#">3.3 ft</a>	<a href="#">VW3E5001R010</a>	0.065/ 0.14
	1.5 m	<a href="#">4.9 ft</a>	<a href="#">VW3E5001R015</a>	0.068/ 0.15
	2 m	<a href="#">6.6 ft</a>	<a href="#">VW3E5001R020</a>	0.080/ 0.18
	3 m	<a href="#">9.8 ft</a>	<a href="#">VW3E5001R030</a>	0.124/ 0.27
	5 m	<a href="#">16 ft</a>	<a href="#">VW3E5001R050</a>	0.199/ 0.44
	10 m	<a href="#">33 ft</a>	<a href="#">VW3E5001R100</a>	0.325/ 0.72
	15 m	<a href="#">49 ft</a>	<a href="#">VW3E5001R150</a>	0.610/ 1.34
	20 m	<a href="#">66 ft</a>	<a href="#">VW3E5001R200</a>	0.810/ 1.79
	25 m	<a href="#">82 ft</a>	<a href="#">VW3E5001R250</a>	1.020/ 2.25
	30 m	<a href="#">98 ft</a>	<a href="#">VW3E5001R300</a>	1.220/ 2.69
40 m	<a href="#">131 ft</a>	<a href="#">VW3E5001R400</a>	3.100/ 6.83	
50 m	<a href="#">164 ft</a>	<a href="#">VW3E5001R500</a>	2.020/ 4.45	
<b>DP-DVI cable</b> Used to receive the image signal from the host on HMIFP6 Modular displays	5 m	<a href="#">16 ft</a>	<a href="#">HMIYFPCBDP5M</a>	0.500/ 1.10
<b>DP-DVI adapter</b> Used to convert DP to DVI-D (socket), active type on HMIFP6 Modular displays		<a href="#">HMIYADDPV11</a>	0.100/ 0.22	

### Related offers via catalogs

Offer type	Catalog title	Catalog reference
<b>Motion control</b>	<b>PacDrive LMC Eco/Pro2</b> Motion controllers for automating machines/lines	<a href="#">DIA7ED2160303EN</a>
	<b>Lexium 62 &amp; Motors</b> Multi-axis servo drives and servo motors for PacDrive 3	<a href="#">DIA7ED2160305EN</a>
	<b>Lexium 62 ILM</b> Multiaxis integrated servo drives for PacDrive 3	<a href="#">DIA7ED2160306EN</a>
<b>Distributed I/O</b>	<b>Modicon Edge I/O NTS</b> The future-ready I/O system for data aggregation	<a href="#">DIA3ED2240601EN</a>
<b>Robotics</b>	<b>Lexium T, P</b> Delta robots for pick & place solutions	<a href="#">DIA3ED2160307EN</a>
	<b>Lexium Cobot</b> Collaborative robot	<a href="#">DIA7ED2220801EN</a>
	<b>Lexium Cartesian Robots</b> Portal axes, Linear tables, Cantilever axes, Multi axes systems	<a href="#">DIA7ED2210101EN</a>
	<b>Lexium SCARA</b> Ultra-compact high-speed and precise industrial robots	<a href="#">DIA7ED2240302EN</a>
	<b>Lexium MC12</b> The multi carrier transport system	<a href="#">DIA7ED2210701EN</a>
<b>Machine drives</b>	<b>Altivar Machine ATV340</b> Variable speed drives for high-performance machines	<a href="#">DIA2ED2160701EN</a>
<b>Power supply</b>	<b>Modicon Power Supply</b> Power supply for industrial use, rail mounting	<a href="#">DIA3ED2170401EN</a>

# Modicon M660

## Advanced iPC Motion Controller

### Industrial automation controllers

Industrial automation controllers	Applications	Controllers for industrial machines					
	Type	Logic controllers			Logic/Motion controllers	Motion controllers	Advanced iPC Motion Controller
	Range	Modicon M221/M221 Book	Modicon M241	Modicon M251	Modicon M262	PacDrive LMC Eco, LMC Pro2	Modicon M660



[DIA3ED2140106EN](#)



[DIA3ED2140107EN](#)



[DIA3ED2140108EN](#)



[DIA3ED2180503EN](#)



[DIA7ED2160303EN](#)



[DIA3ED2241201EN](#)

[Consult the catalog Ref.](#)

Memory	640 KB RAM, 2 MB Flash	64 MB RAM, 128 MB Flash	64 MB RAM, 128 MB Flash	192 MB RAM, 256 MB Flash	128 KB to 256 KB NV RAM, 512 MB DDR2 to 1 GB DDR3L	1,792 KB or 3,584 KB internal RAM (depending on processor type)	
Supply voltage	24 VDC or 100...240 VAC	24 VDC or 100...240 VAC	24 VDC	24 VDC	24 VDC	24 VDC	
Communication	Embedded communication fieldbuses and networks	<ul style="list-style-type: none"> <li>&gt; EtherNet/IP Adapter</li> <li>&gt; Modbus TCP</li> <li>&gt; RS 232/RS 485 Serial link</li> <li>&gt; Mini USB-B programming port</li> </ul>	<ul style="list-style-type: none"> <li>&gt; EtherNet/IP</li> <li>&gt; Modbus TCP</li> <li>&gt; CANopen (master) and SAE J1939</li> <li>&gt; Serial link</li> <li>&gt; Mini USB-B programming port</li> </ul>	<ul style="list-style-type: none"> <li>&gt; EtherNet/IP</li> <li>&gt; Modbus TCP</li> <li>&gt; CANopen (master) and SAE J1939</li> <li>&gt; Serial link</li> <li>&gt; Mini USB-B programming port</li> </ul>	<ul style="list-style-type: none"> <li>&gt; EtherNet/IP</li> <li>&gt; Modbus TCP</li> <li>&gt; Sercos III</li> <li>&gt; Serial link</li> <li>&gt; Mini USB-B programming port</li> </ul>	<ul style="list-style-type: none"> <li>&gt; EtherNet/IP</li> <li>&gt; Sercos III</li> <li>&gt; CANopen</li> <li>&gt; Profibus</li> <li>&gt; Profinet</li> <li>&gt; EtherCAT</li> </ul>	
	OPC Unified Architecture (OPC UA)	–	Server	Server	Server/Client (encrypted)	Server/Client (encrypted)	Client (1)
	Cybersecurity	With external firewall	With external firewall	With external firewall	Embedded	With external firewall	Embedded
Optional communication fieldbuses and networks	> 1 Serial link	<ul style="list-style-type: none"> <li>&gt; Ethernet</li> <li>&gt; Profibus DP</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Ethernet</li> <li>&gt; Profibus DP</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Ethernet, EtherNet/IP Adapter</li> <li>&gt; CANopen Master</li> </ul>	<ul style="list-style-type: none"> <li>&gt; CANopen</li> <li>&gt; Profibus DP</li> <li>&gt; RT-Ethernet</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Sercos III (1)</li> <li>&gt; PROFINET (1)</li> <li>&gt; EtherCAT (1)</li> <li>&gt; EtherNet/IP (1)</li> <li>&gt; TSN Ethernet (1)</li> </ul>	
Embedded I/O (number and type)	<ul style="list-style-type: none"> <li>&gt; Up to 40 logic inputs</li> <li>&gt; 2 analog inputs</li> <li>&gt; Up to 16 relay outputs</li> <li>&gt; Up to 16 transistor outputs</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Up to 24 logic inputs</li> <li>&gt; Up to 16 transistor outputs</li> <li>&gt; Up to 16 relay outputs</li> <li>&gt; Up to 8 high speed inputs</li> <li>&gt; Up to 4 high speed outputs</li> </ul>	–	<ul style="list-style-type: none"> <li>&gt; 4 fast digital inputs</li> <li>&gt; 4 fast digital outputs</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Up to 20 digital inputs</li> <li>&gt; Up to 16 touch probe inputs</li> <li>&gt; Up to 4 interrupt inputs</li> <li>&gt; Up to 2 analog inputs</li> <li>&gt; Up to 16 digital outputs</li> <li>&gt; Up to 2 analog outputs</li> </ul>	<ul style="list-style-type: none"> <li>&gt; 4 digital inputs</li> </ul>	
Synchronized axes	–	–	–	Up to 24 synchronized axes over Sercos III	Up to 130 synchronized axes over Sercos III	<ul style="list-style-type: none"> <li>&gt; Up to 64 synchronized axes (130 planned) via Sercos III</li> <li>&gt; Up to 300 synchronized axes over OPC UA/TSN (1)</li> </ul>	
Dedicated configuration software	EcoStruxure Machine Expert - Basic	EcoStruxure Machine Expert					

Compatibility with I/O systems	<a href="#">Click on the range name to open the product catalog</a>							
	Local I/O	■ <a href="#">Modicon TM3</a>	■ <a href="#">Modicon TM3</a>	■ <a href="#">Modicon TM3</a>	■ <a href="#">Modicon TM3</a>	–	–	
	Remote I/O	■ <a href="#">Modicon TM3</a>	■ <a href="#">Modicon TM3</a>	■ <a href="#">Modicon TM3</a>	■ <a href="#">Modicon TM3</a>	–	–	
	Distributed I/O	Over Ethernet	■ <a href="#">Modicon TM3</a>	■ <a href="#">Modicon TM3</a> ■ <a href="#">Modicon Edge I/O NTS</a> ■ <a href="#">Modicon TM5</a>	■ <a href="#">Modicon TM3</a> ■ <a href="#">Modicon Edge I/O NTS</a> ■ <a href="#">Modicon TM5</a>	■ <a href="#">Modicon TM3</a> ■ <a href="#">Modicon Edge I/O NTS</a> ■ <a href="#">Modicon TM5</a>	■ <a href="#">Modicon Edge I/O NTS</a> ■ <a href="#">Modicon TM5</a>	■ <a href="#">Modicon Edge I/O NTS</a>
		Over CANopen	–	■ <a href="#">Modicon TM3</a>	■ <a href="#">Modicon TM3</a>	■ <a href="#">Modicon TM3</a> ■ <a href="#">Modicon TM5 &amp; TM7</a>	■ <a href="#">Modicon TM3</a> ■ <a href="#">Modicon TM5 &amp; TM7</a>	–
		Over Sercos	–	–	–	■ <a href="#">Modicon Edge I/O NTS</a> ■ <a href="#">Modicon TM5</a>	■ <a href="#">Modicon Edge I/O NTS</a> ■ <a href="#">Modicon TM5</a>	■ <a href="#">Modicon Edge I/O NTS</a>
		Over Modbus Serial Line	■ <a href="#">Modicon TM3</a>	■ <a href="#">Modicon TM3</a>	■ <a href="#">Modicon TM3</a>	■ <a href="#">Modicon TM3</a>	–	–
		Over Profibus	–	–	–	–	–	–
	Over AS-Interface master	–	–	–	–	–	–	
	Safety I/O	■ <a href="#">Modicon TM3</a> (functional safety)	■ <a href="#">Modicon TM3</a> (functional safety)	■ <a href="#">Modicon TM3</a> (functional safety)	■ <a href="#">Modicon TM3</a> (functional safety) ■ <a href="#">Modicon TM5 &amp; TM7</a>	■ <a href="#">Modicon TM3</a> (functional safety) ■ <a href="#">Modicon TM5 &amp; TM7</a>	–	

**Modicon PLC Configurator**

Select the right PLC and I/Os in a fast and easy way.

This tool provides step-by-step guidance to help you select the controller that better suits your needs with recommended accessories and services.

(1) Planned commercialization.

<b>H</b>	
HMIYADDPDVI11	17
HMIYFPCBDPDV5M	17
<b>M</b>	
MN660C153N1010	7 16
MN660C253N1010	7 16
MN660C254N1010	7 16
MN660C354N2010	7 16
MN660C455N2010	7 16
MN660P253N2011W0	7 16
MN660P254N2012W0	7 16
MN660P354N2013W0	7 16
MN660P455N2013W0	7 16
MN660P455N2023W0	7 16
MNAH6ACH	16
MNAH6ACS01	16
MNAH6AFL01	16
MNAH6AFS01	16
MNAH6AFS02	16
MNAH6MBL	16
MNAH6MBS	16
MNAH6MF	16
<b>V</b>	
VW3E5001R005	17
VW3E5001R010	17
VW3E5001R015	17
VW3E5001R020	17
VW3E5001R030	17
VW3E5001R050	17
VW3E5001R100	17
VW3E5001R150	17
VW3E5001R200	17
VW3E5001R250	17
VW3E5001R300	17
VW3E5001R400	17
VW3E5001R500	17
VW3E6020	17
VW3E7037000000	17



# Connect to other users and experts

## Welcome to Schneider Electric community

Schneider Electric support forum for Motion Control solutions from design, implementation to troubleshooting and more, including:

- Multicarrier systems
- Robotics
- Integrated Drives
- Servo Drives and Motors
- Stepper Drives and Motors
- Motion Controllers
- Programmable Logic Controllers
- Safety PLC Controllers
- Input/Output (I/O) modules
- Engineering software

[Access the community forum](#)

Life Is On

**Schneider**  
Electric



# Advantage Service Plan for Robotics

## Keep the movement on

Keep your Lexium Robots, Cobots, MC12 Multi Carrier, SCARA, Cartesian, and associated controllers running smoothly and efficiently with a service contract. Maintain productivity by reducing unexpected downtime. Get peace of mind from knowing that you have access to experienced service technicians and spare parts when and where you need them.



### Key benefits

- Reduce costs by identifying and correcting potential issues before they cause unplanned downtime.
- Access to experts helps you maintain production, reduce downtime and get the most out of your robotic systems.
- Minimize unplanned downtime with ready access to wear and spare parts.
- Extend asset life with properly maintained robotics.

[se.com/services](https://se.com/services)

Life Is On

**Schneider**  
Electric



# Advantage Service Plan for Robotics

## Key features

### Preventive maintenance visit

Periodic maintenance, based on the operations performed by the robot, is essential to prevent unplanned downtime and extend asset life. During the included preventive maintenance visit, our service representatives perform a routine check-up, and all the maintenance activities needed, based on the number of operations or operating time performed.

### Remote technical support

Your Advantage Service Plan provides you with access to our advanced technical support team, who can answer your robotics questions and troubleshoot a problem via phone or email during normal business hours.

### On site corrective maintenance service

In the event of an incident that results in unplanned downtime for your robot that cannot be resolved remotely, our service representatives can respond on site for diagnostic and corrective maintenance activities. Programming and commissioning are not included in this service.

### Preferred rate for parts

For simplified ordering, we offer parts needed for the upkeep of your robots. These parts are offered at preferential rates for our contract customers.

### Extended warranty (optional service)

When ordered with the contract, you can extend the warranty for one year beyond the standard warranty.

### Support coverage

Support is available for the following ranges of Schneider Electric™ robots:

- Lexium Delta P
- Lexium Delta T
- Lexium Cobots
- Lexium MC12 Multi Carrier
- Lexium SCARA
- Lexium Cartesian

### Service Plans (Available with TWO tiers)

Advantage Service Plan for Robotics	Duration	Essential	Advanced
Remote technical support (8X5) - Premium	1 year	Yes	Yes
Access to MySchneider portal - Premium	1 year	Yes	Yes
Preventive Maintenance visit	1 year		Yes
Preferred rate for parts	1 year		Yes
Onsite corrective Maintenance	1 year		Yes
<b>Optional Service</b>			
Extended warranty - 1 year	1 year		

For more information, please contact your Schneider Electric Representative.

[se.com/services](https://se.com/services)

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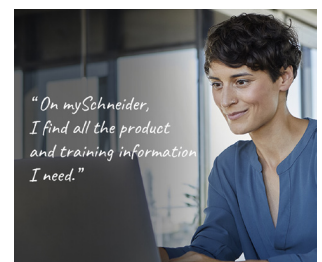
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- > [Find a Product Data Sheet and Related Documents](#)
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- > [Get Quicker Answers Thanks to Online Support](#)



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- > [Access Trainings Dedicated to My Activity](#)

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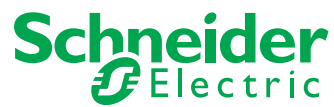
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