Product List

*Always refer to user's manuals for information on usable modules, restrictions, etc. before using.

[Legend] DB : Double brand product (Note) NEW : Recently released product SOON : Product available soon

CPU module

Type		Model	Outline
High-speed Universal model QCPU		Q03UDVCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 30K steps, basic operation processing speed (LD instruction): 1.9 ns, program memory capacity: 120 KB, peripheral connection ports: USB, Ethernet (Predefined protocol support function), memory card I/F: SD memory card and extended SRAM cassette
		Q04UDVCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 40K steps, basic operation processing speed (LD instruction): 1.9 ns, program memory capacity: 160 KB, peripheral connection ports: USB, Ethernet (Predefined protocol support function), memory card I/F: SD memory card and extended SRAM cassette
		Q06UDVCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 60K steps, basic operation processing speed (LD instruction): 1.9 ns, program memory capacity: 240 KB, peripheral connection ports: USB, Ethernet (Predefined protocol support function), memory card I/F: SD memory card and extended SRAM cassette
		Q13UDVCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 130K steps, basic operation processing speed (LD instruction): 1.9 ns, program memory capacity: 520 KB, peripheral connection ports: USB, Ethernet (Predefined protocol support function), memory card I/F: SD memory card and extended SRAM cassette
		Q26UDVCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 260K steps, basic operation processing speed (LD instruction): 1.9 ns, program memory capacity: 1040 KB, peripheral connection ports: USB, Ethernet (Predefined protocol support function), memory card I/F: SD memory card and extended SRAM cassette
Universal model QCPU		Q00UJCPU	No. of I/O points: 256 points, no. of I/O device points: 8192 points, program capacity: 10K steps, basic operation processing speed (LD instruction): 120 ns, program memory capacity: 40 KB, peripheral connection ports: USB and RS-232, no memory card I/F, 5-slot base, with 100…240 V AC input/5 V DC/3 A output power supply
		Q00UCPU	No. of I/O points: 1024 points, no. of I/O device points: 8192 points, program capacity: 10K steps, basic operation processing speed (LD instruction): 80 ns, program memory capacity: 40 KB, peripheral connection ports: USB and RS-232, no memory card I/F
		Q01UCPU	No. of I/O points: 1024 points, no. of I/O device points: 8192 points, program capacity: 15K steps, basic operation processing speed (LD instruction): 60 ns, program memory capacity: 60 KB, peripheral connection ports: USB and RS-232, no memory card I/F
		Q02UCPU	No. of I/O points: 2048 points, no. of I/O device points: 8192 points, program capacity: 20K steps, basic operation processing speed (LD instruction): 40 ns, program memory capacity: 80 KB, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
		Q03UDCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 30K steps, basic operation processing speed (LD instruction): 20 ns, program memory capacity: 120 KB, multiple CPU high-speed communication, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
		Q04UDHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 40K steps, basic operation processing speed (LD instruction): 9.5 ns, program memory capacity: 160 KB, multiple CPU high-speed communication, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
		Q06UDHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 60K steps, basic operation processing speed (LD instruction): 9.5 ns, program memory capacity: 240 KB, multiple CPU high-speed communication, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
		Q10UDHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 100K steps, basic operation processing speed (LD instruction): 9.5 ns, program memory capacity: 400 KB, multiple CPU high-speed communication, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
		Q13UDHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 130K steps, basic operation processing speed (LD instruction): 9.5 ns, program memory capacity: 520 KB, multiple CPU high-speed communication, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
		Q20UDHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 200K steps, basic operation processing speed (LD instruction): 9.5 ns, program memory capacity: 800 KB, multiple CPU high-speed communication, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
		Q26UDHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 260K steps, basic operation processing speed (LD instruction): 9.5 ns, program memory capacity: 1040 KB, multiple CPU high-speed communication, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
	Built-in Ethernet type	Q03UDECPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 30K steps, basic operation processing speed (LD instruction): 20 ns, program memory capacity: 120 KB, multiple CPU high-speed communication, peripheral connection ports: USB and Ethernet, memory card IF: SRAM card, FLASH card, and ATA card
		Q04UDEHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 40K steps, basic operation processing speed (LD instruction): 9.5 ns, program memory capacity: 160 KB, multiple CPU high-speed communication, peripheral connection ports: USB and Ethernet, memory card IF: SRAM card, FLASH card, and ATA card
		Q06UDEHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 60K steps, basic operation processing speed (LD instruction): 9.5 ns, program memory capacity: 240 KB, multiple CPU high-speed communication, peripheral connection ports: USB and Ethernet, memory card IF: SRAM card, FLASH card, and ATA card
		Q10UDEHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 100K steps, basic operation processing speed (LD instruction): 9.5 ns, program memory capacity: 400 KB, multiple CPU high-speed communication, peripheral connection ports: USB and Ethernet, memory card IF: SRAM card, FLASH card, and ATA card
		Q13UDEHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 130K steps, basic operation processing speed (LD instruction): 9.5 ns, program memory capacity: 520 KB, multiple CPU high-speed communication, peripheral connection ports: USB and Ethernet, memory card IF: SRAM card, FLASH card, and ATA card
		Q20UDEHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 200K steps, basic operation processing speed (LD instruction): 9.5 ns, program memory capacity: 800 KB, multiple CPU high-speed communication, peripheral connection ports: USB and Ethernet, memory card IF: SRAM card, FLASH card, and ATA card
		Q26UDEHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 260K steps, basic operation processing speed (LD instruction): 9.5 ns, program memory capacity: 1040 KB, multiple CPU high-speed communication, peripheral connection ports: USB and Ethernet, memory card IF: SRAM card, FLASH card, and ATA card
		Q50UDEHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 500K steps, basic operation processing speed (LD instruction): 9.5 ns, program memory capacity: 2000 KB, multiple CPU high-speed communication, peripheral connection ports: USB and Ethernet, memory card IF: SRAM card, FLASH card, and ATA card
		Q100UDEHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 1000K steps, basic operation processing speed (LD instruction): 9.5 ns, program memory capacity: 4000 KB, multiple CPU high-speed communication, peripheral connection ports: USB and Ethernet, memory card IF: SRAM card, FLASH card, and ATA card

Note: General specifications and product guarantee conditions of jointly developed products are different from those of MELSEC products.
For more information, please refer to the product manuals or contact your local Mitsubishi representative for details.

CPU module

Type		Model	Outline
Basic model QCPU		Q00JCPU	No. of I/O points: 256 points, no. of I/O device points: 2048 points, program capacity: 8K steps, basic operation processing speed (LD instruction): 200 ns, program memory capacity: 58 KB, peripheral connection ports: RS-232, no memory card I/F, 5-slot base, with 100…240 V AC input/5 V DC/3 A output power supply
		Q00CPU	No. of I/O points: 1024 points, no. of I/O device points: 2048 points, program capacity: 8K steps, basic operation processing speed (LD instruction): 160 ns, program memory capacity: 94 KB, peripheral connection ports: RS-232, no memory card I/F
		Q01CPU	No. of I/O points: 1024 points, no. of I/O device points: 2048 points, program capacity: 14K steps, basic operation processing speed (LD instruction): 100 ns, program memory capacity: 94 KB, peripheral connection ports: RS-232, no memory card I/F
High Performance model QCPU		Q02CPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 28K steps, basic operation processing speed (LD instruction): 79 ns, program memory capacity: 112 KB, peripheral connection ports: RS-232, memory card IF: SRAM card, FLASH card, and ATA card
		Q02HCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 28K steps, basic operation processing speed (LD instruction): 34 ns, program memory capacity: 112 KB, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
		Q06HCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 60K steps, basic operation processing speed (LD instruction): 34 ns, program memory capacity: 240 KB, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
		Q12HCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 124K steps, basic operation processing speed (LD instruction): 34 ns, program memory capacity: 496 KB, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
		Q25HCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 252K steps, basic operation processing speed (LD instruction): 34 ns, program memory capacity: 1008 KB, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
Process CPU		Q02PHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 28K steps, basic operation processing speed (LD instruction): 34 ns, program memory capacity: 112 KB, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
		Q06PHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 60K steps, basic operation processing speed (LD instruction): 34 ns, program memory capacity: 240 KB, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
		Q12PHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 124K steps, basic operation processing speed (LD instruction): 34 ns, program memory capacity: 496 KB, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
		Q25PHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 252K steps, basic operation processing speed (LD instruction): 34 ns, program memory capacity: 1008 KB, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
Redundant CPU		Q12PRHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 124K steps, basic operation processing speed (LD instruction): 34 ns, program memory capacity: 496 KB, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
		Q25PRHCPU	No. of I/O points: 4096 points, no. of I/O device points: 8192 points, program capacity: 252K steps, basic operation processing speed (LD instruction): 34 ns, program memory capacity: 1008 KB, peripheral connection ports: USB and RS-232, memory card IF: SRAM card, FLASH card, and ATA card
	Tracking cable	QC10TR	Tracking cable 1 m
		QC30TR	Tracking cable 3 m
C Controller CPU		Q24DHCCPU-V	No. of I/O points: 4096 points, endian format: little endian, removable storage: SD memory card, OS: VxWorks® Version 6.8.1
		Q24DHCCPU-LS	No. of I/O points: 4096 points, endian format: little endian, removable storage: SD memory card, OS: No pre-installed operating system (Operating system installed by user)
		Q12DCCPU-V	No. of I/O points: 4096 points, endian format: little endian, removable storage: CompactFlash card, OS: VxWorks® Version 6.4
		Q06CCPU-V	No. of I/O points: 4096 points, endian format: little endian, removable storage: CompactFlash card, OS: VxWorks® Version 5.4
	Bundled product	Q24DHCCPU-V-B019	C Controller (Q24DHCCPU-V) bundled with CIMSNIPER Q24 E, data collection package for EES/FDC/APC (equipped with Simple MES functionality)
		Q24DHCCPU-V-B01D	C Controller (Q24DHCCPU-V) bundled with DNA Designer Q24 E, model based development support tool
		Q24DHCCPU-VG-B000	C Controller (Q24DHCCPU-VG) bundled with GENWARE®3-VG Runtime License Version, runtime library is pre-installed
		Q24DHCCPU-VG-B002	C Controller (Q24DHCCPU-VG) bundled with GENWARE®3-VG Tool License Version, GUI development environment (CI SKETCH-E) is bundled into the Runtime License version
		Q24DHCCPU-LS-B030 NEW	C Controller (Q24DHCCPU-LS) bundled with Lineo uLinux and uLinux Station, web-based application that enables basic Linux system configuration
		Q12DCCPU-V-B011	C Controller (Q12DCCPU-V) bundled with CIMOPERATOR® SECS+ for ADVANCED E, supports SECS-I (SEMI E4), HSMS (SEMI E37)
		Q12DCCPU-V-B013	C Controller (Q12DCCPU-V) bundled with CIMOPERATOR® SECS+ for GEM ADVANCED E, middle kit version that supports GEM (E30) (does not support Trace data collection, Limit monitoring, Document file output)
		Q12DCCPU-V-B015	C Controller (Q12DCCPU-V) bundled with CIMOPERATOR® SECS+ for GEM ADVANCED (Option Pack) E, full kit version that supports GEM (E30) (supports Trace data collection, Limit monitoring, Document file output)
		Q12DCCPU-V-B019	C Controller (Q12DCCPU-V) bundled with CIMSNIPER E, data collection package for EES/FDC/APC (equipped with Simple MES functionality)
		Q12DCCPU-V-B01B	C Controller (Q12DCCPU-V) bundled with CIMSNIPER Light E, data collection package for EES/FDC/APC (not equipped with Simple MES functionality)
		Q12DCCPU-V-B01D	C Controller (Q12DCCPU-V) bundled with DNA Designer E, model based development support tool
	Cable	Q12DCCPU-CBL*1*2*3	RS-232 connection converter cable (custom mini-DIN to 9-pin D-sub connector)

*1: For use with Q24DHCCPU-V, Q24DHCCPU-VG.
*2: For use with Q24DHCCPU-LS.
*3: For use with Q12DCCPU-V.

CPU module

Type	Model	Outline
Battery	Q6BAT	Replacement battery
	Q7BAT	Replacement large-capacity battery
	Q7BAT-SET	Large-capacity battery with holder for installing CPU
	Q8BAT	Replacement large-capacity battery module
	Q8BAT-SET	Large-capacity battery module with CPU connection cable
Extended SRAM cassette	Q4MCA-1MBS*1	Extended SRAM cassette, capacity: 1 MB
	Q4MCA-2MBS*1	Extended SRAM cassette, capacity: 2 MB
	Q4MCA-4MBS*1	Extended SRAM cassette, capacity: 4 MB
	Q4MCA-8MBS*1	Extended SRAM cassette, capacity: 8 MB
SD memory card	NZ1MEM-2GBSD*1*2*3*4 NEW	SD memory card, capacity: 2 GB
	NZ1MEM-4GBSD*1*2*3*4 NEW	SDHC memory card, capacity: 4 GB
	NZ1MEM-8GBSD*1*2*3*4 NEW	SDHC memory card, capacity: 8 GB
	NZ1MEM-16GBSD*1*2*3*4 NEW	SDHC memory card, capacity: 16 GB
	L1MEM-2GBSD*1*2*3*4	SD memory card, capacity: 2 GB, to be discontinued (July 2015)
	L1MEM-4GBSD*1*2*3*4	SDHC memory card, capacity: 4 GB, to be discontinued (July 2015)
Memory card	Q2MEM-1MBS*5	SRAM memory card, capacity: 1 MB
	Q2MEM-2MBS*5	SRAM memory card, capacity: 2 MB
	Q3MEM-4MBS*5	SRAM memory card, capacity: 4 MB
	Q3MEM-4MBS-SET*5	SRAM memory card with cover, capacity: 4 MB
	Q3MEM-8MBS*6	SRAM memory card, capacity: 8 MB
	Q3MEM-8MBS-SET*6	SRAM memory card with cover, capacity: 8 MB
	Q3MEM-CV	Memory card protective cover for the Universal model QCPU (comes with Q3MEM-4MBS-SET/Q3MEM-8MBS-SET)
	Q3MEM-CV-H	Memory card protective cover for the High Performance model, Process, and Redundant CPUs (comes with Q3MEM-4MBS-SET)
	Q2MEM-8MBA*5	ATA card, capacity: 8 MB, to be discontinued (December 2016)
	Q2MEM-16MBA*5	ATA card, capacity: 16 MB
	Q2MEM-32MBA*5	ATA card, capacity: 32 MB
CompactFlash card	GT05-MEM-128MC*4*7	CompactFlash card, capacity: 128 MB
	GT05-MEM-256MC*4*7	CompactFlash card, capacity: 256 MB
	QD81MEM-512MBC*4*7*8	CompactFlash card, capacity: 512 MB
	QD81MEM-1GBC*4*8	CompactFlash card, capacity: 1 GB
	QD81MEM-2GBC*4*8	CompactFlash card, capacity: 2 GB
	QD81MEM-4GBC*4*8	CompactFlash card, capacity: 4 GB
	QD81MEM-8GBC*4*8	CompactFlash card, capacity: 8 GB
Memory card adapter	Q2MEM-ADP	Adapter for Q2MEM memory card's standard PCMCIA slot
SRAM card battery	Q2MEM-BAT	Replacement battery for Q2MEM-1MBS and Q2MEM-2MBS
	Q3MEM-BAT	Replacement battery for Q3MEM-4MBS and Q3MEM-8MBS
Connection cable	QC30R2	RS-232 cable for connecting PC and CPU, 3 m (between mini-DIN6P and Dsub9P)
Cable disconnection prevention holder	Q6HLD-R2	Holder for preventing RS-232 cable (Programmable Controller CPU connection) disconnection

*1: For use with QnUDVCPU.
*2: For use with Q24DHCCPU-V, Q24DHCCPU-VG.
*3: For use with Q24DHCCPU-LS.
*4: Mitsubishi Electric shall not guarantee the operation of any non-Mitsubishi Electric products.
*5: For use with the Universal model QCPUs (except QnUDV), High Performance model QCPUs, process CPUs, and redundant CPUs that are equipped with the memory card interface.
*6: For use with the Universal model QCPUs (except QnUDV) that are equipped with the memory card interface.
*7: For use with Q06CCPU-V.
*8: For use with Q12DCCPU-V.