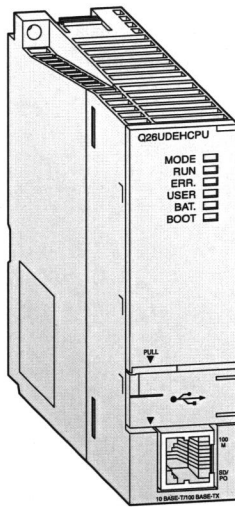


■ Universal PLC CPUs



These universal PLC CPUs are the latest generation of modular CPUs for the MELSEC System Q controller platform and they are the foundation of the iQ Platform system. They can be combined with the motion, robot and NC CPUs to configure scalable and highly flexible modular automation systems.

Special features:

- Integrated mini USB interface for programming
- Integrated Ethernet interface for efficient communication with the nUDEH modules
- Extremely fast bit processing, 9.5 ns
- High-speed data access

Specifications	Q00UJCPU	Q00UCPU	Q01UCPU	Q02UCPU	Q03UDCPU, Q03UDECPU
Type	Multi processor CPU module				
I/O points	256/8192	1024/8192	1024/8192	2048/8192	4096/8192
CPU self-diagnostic functions	CPU error detection, Watch Dog, battery error detection, memory error detection, program check, power supply error detection, fuse error detection				
Battery buffer	All CPU modules are fitted with a lithium-battery with a life expectancy of 5 years.				
Memory type	RAM, ROM, FLASH	RAM, ROM, FLASH	RAM, ROM, FLASH	RAM, ROM, FLASH	RAM, ROM, FLASH
Memory capacity	Overall	≤ 32 MByte	≤ 32 MByte	≤ 32 MByte	≤ 32 MByte
	Max. for PLC program	10 k steps (40 kByte)	10 k steps (40 kByte)	15 k steps (60 kByte)	20 k steps (80 kByte)
Program cycle period	120 ns/log. instruction	80 ns/log. instruction	60 ns/log. instruction	40 ns/log. instruction	20 ns/log. instruction
Dimensions (WxHxD)	mm 245x98x98	27.4x98x89.3	27.4x98x89.3	27.4x98x89.3	27.4x98x89.3
Order information	Art. no. 221575	221576	221577	207604	207605, 217899

Specifications	Q04UDH-CPU, Q04UDEH-CPU	Q06UDH-CPU, Q06UDEH-CPU	Q10UDH-CPU, Q10UDEH-CPU	Q13UDH-CPU, Q13UDEH-CPU	Q20UDH-CPU, Q20UDEH-CPU	Q26UDH-CPU, Q26UDEH-CPU
Type	Multi processor CPU module					
I/O points	4096/8192	4096/8192	4096/8192	4096/8192	4096/8192	4096/8192
CPU self-diagnostic functions	CPU error detection, Watch Dog, battery error detection, memory error detection, program check, power supply error detection, fuse error detection					
Battery buffer	All CPU modules are fitted with a lithium-battery with a life expectancy of 5 years.					
Memory type	RAM, ROM, FLASH	RAM, ROM, FLASH	RAM, ROM, FLASH	RAM, ROM, FLASH	RAM, ROM, FLASH	RAM, ROM, FLASH
Memory capacity	Overall	≤ 32 MByte	≤ 32 MByte	≤ 32 MByte	≤ 32 MByte	≤ 32 MByte
	Max. for PLC program	40 k steps (160 kByte)	60 k steps (240 kByte)	100 k steps (400 kByte)	130 k steps (520 kByte)	200 k steps (800 kByte)
Program cycle period	9.5 ns/log. instruction	9.5 ns/log. instruction	9.5 ns/log. instruction	9.5 ns/log. instruction	9.5 ns/log. instruction	9.5 ns/log. instruction
Dimensions (WxHxD)	mm 27.4x98x89.3	27.4x98x89.3	27.4x98x89.3	27.4x98x89.3	27.4x98x89.3	27.4x98x89.3
Order information	Art. no. 207606, 217900	207607, 215808	221578, 221579	217619, 217901	221580, 221581	217620, 217902