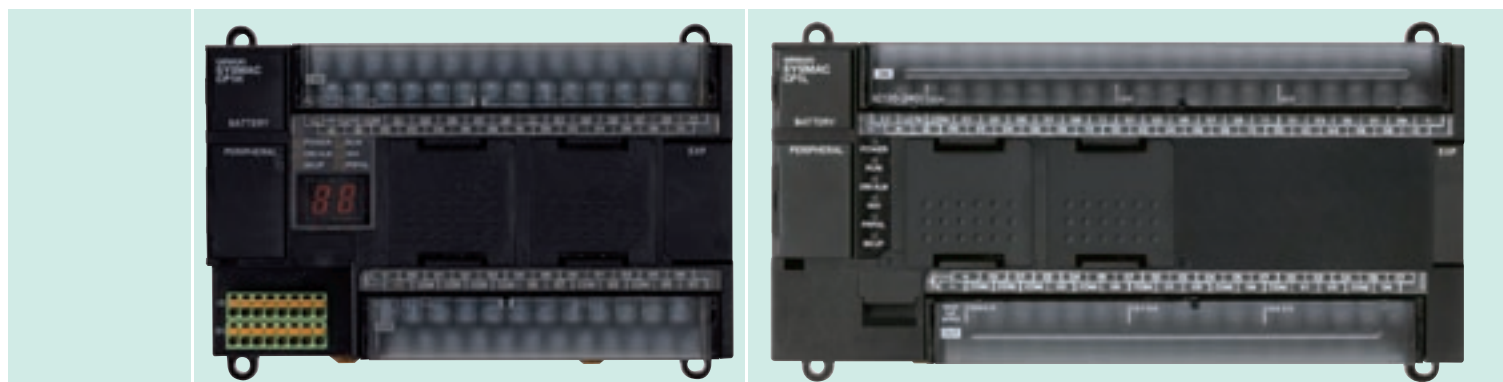


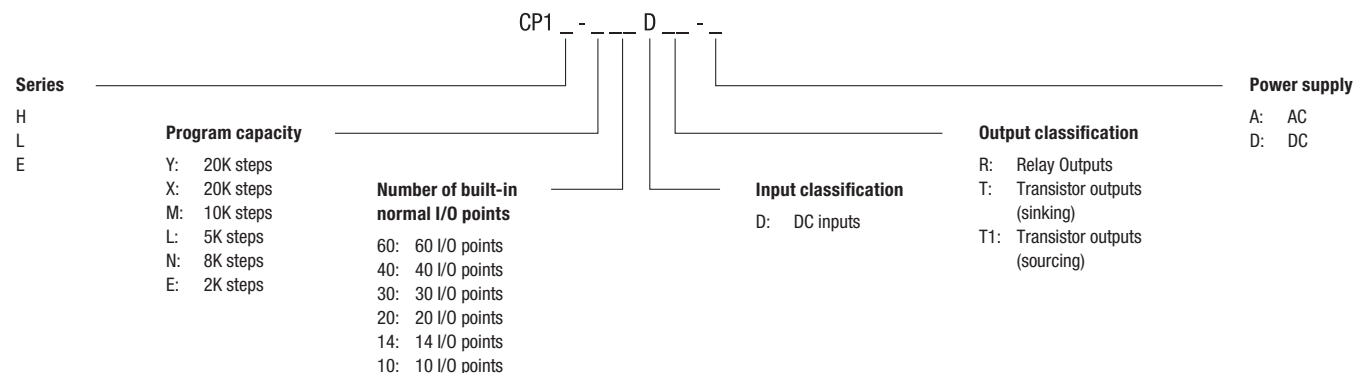
Maximize efficiency by selecting the optimum CPU unit for your applications



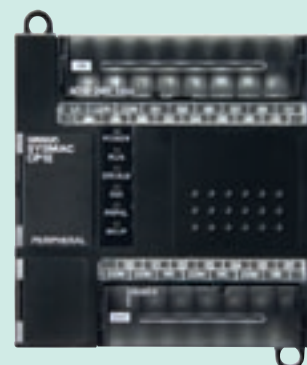
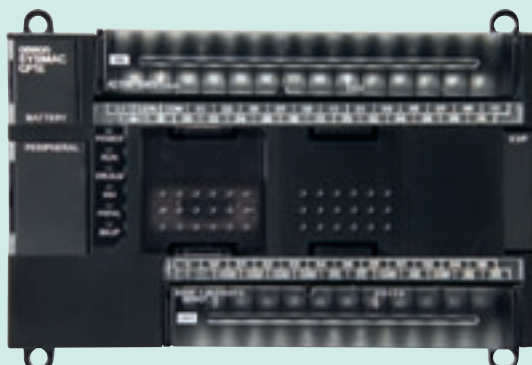
	CP1H			CP1L			
	CP1H-Y20DT-D	CP1H-XA40D -	CP1H-X40D -	CP1L-M60D -	CP1L-M40D -	CP1L-M30D -	CP1L-L20D -
	12 Inputs 8 Outputs	24 Inputs 16 Outputs	24 Inputs 16 Outputs	36 Inputs 24 Outputs	24 Inputs 16 Outputs	18 Inputs 12 Outputs	12 Inputs 8 Outputs
AC Power Supply	No	Yes	Yes	Yes			
DC Power Supply	Yes	Yes	Yes	Yes			
Relay Outputs	No	Yes (AC model only)	Yes (AC model only)	Yes			
Transistor Outputs	Yes (NPN/Sinking only)	Yes (DC model only)	Yes (DC model only)	Yes			
I/O Capacity	300	320		180	160	150	60
High Speed Inputs	4 1 MHz maximum*1	4 100 kHz maximum*1		4 100 kHz maximum*1			
Pulse Outputs	4 axes 1 MHz maximum*1	4 axes 100 kHz maximum*1		2 axes 100 kHz maximum*1 Transistor output models only			
Serial Communications	Two serial ports can be added			Two serial ports can be added			One serial port can be added
LCD Option Board	Yes			Yes			
Built-in Analog I/O	No	4 inputs, 2 outputs	No	No			
Analog Adjuster	Yes (x1)			Yes (x1)			Yes (x1)
External Analog Settings Input (256 Resolution)	Yes			Yes			
Memory Cassette	Yes			Yes			
Function Blocks (ladder diagrams or ST language)	Yes			Yes			
Inverter Positioning	No			Yes			
7-Segment Display	Yes			No			
Program Capacity	20K Steps			10K Steps			5K Steps
Data Memory Capacity	32K Words			32K Words			10K Words
Processing Speed	0.1 µs/LD instruction, 0.3 µs/MOV instruction			0.55 µs/LD instruction, 1.84 µs/MOV instruction			
Real-Time Clock	Yes			Yes			
Removable Terminals	Yes			Yes			
CP1W/CPM1A Expansion Units	Yes (maximum 7 or 15 input words/15 output words)			Yes (maximum 3)			Yes (maximum 1)
CJ-Series Special I/O and CPU Bus Units	Yes (maximum 2)			No			No

*1 This table is a general overview only. See specifications for more information

Part number diagram



NOTE: Not all combinations may be possible. See manual for details.



CP1L-L14D _ _		CP1L-L10D _ _		CP1E-N40D _ _		CP1E-N30D _ _		CP1E-N20D _ _		CP1E-E40DR-A		CP1E-E30DR-A		CP1E-E20DR-A		
8 Inputs 6 Outputs		6 Inputs 4 Outputs		24 Inputs 16 Outputs		18 Inputs 12 Outputs		12 Inputs 8 Outputs		24 Inputs 16 Outputs		18 Inputs 12 Outputs		12 Inputs 8 Outputs		
				Yes						Yes						
				Yes						No						
				Yes						Yes						
				Yes						No						
54	10	160	150	20	160	150	20	160	150	20	160	150	20	160	150	20
				6 100 kHz maximum*1						6 10 kHz maximum*1						
				2 axes 100 kHz maximum*1						No						
		No		Built-in RS-232C port. One serial port can be added (CP1W-CIF01, CP1W-CIF11, CP1W-CIF12)				Built-in RS232C port. Serial port cannot be added		No						
		No		No						No						
				No						No						
				Yes (x2)						Yes (x2)						
				No												
				No						No						
				No						No						
				8K steps						2K steps						
				8K words						2K words						
				1.19 µs/LD instruction, 7.9 µs/MOV instruction												
				Yes (with optional battery)						No						
				No												
		No		Yes (maximum 3)				No		Yes (maximum 3)				No		
				No												