

Common performance specifications for CPU



Item		Specifications	Remark	
		XEM-DN32H2/XEM-DN32HP, XEM-DP32H2/XEM-DP32HP		
Program control method		Cyclic execution of stored program, Time-driven interrupt, Process-driven interrupt		
I/O control method		Batch processing by simultaneous scan (Refresh method), Directed by program instruction		
Program language		LD (Ladder Diagram), Instruction List, SFC (Sequential Function Chart) ST(Structured Text)		
Number of instructions	Operator	18		
	Basic function	136+Real number operation function		
	Basic function block	43		
	Dedicated function block	Special function dedicated function		
Processing speed (Basic instruction)		40ns/step		
Program capacity		384KB		
Max. I/O points		256 points (Main + Expansion 7 stages)		
Data area	Automatic variable (A)	64KB (All area retain setting available)		
	Input variable (I)	2 KB (%IX15.15.63)		
	Output variable (Q)	2 KB (%QX15.15.63)		
	Direct variable	M	32KB (All area retain setting available)	
		R	32KB (2block)	
		W	64KB	
	Flag variable	F	4KB	
		K	8KB	
		L	8KB	
		U	576KB	
		N0000 ~ N10239 (10,240 word)		
Total program		256		
Initial task	Initial task	1		
	Cyclic task	Max 16		
	I/O task	Max 8		
	Internal device task	Max 16		
	High speed counter task	Max 4		
	Positioning task	1		
Operation mode		RUN, STOP, DEBUG		
Self-diagnosis function		Detects errors of scan time, memory, I/O and power supply		
Program port		USB 1 channel		
Back-up method		Latch area setting in basic parameter		
Internal consumption current		540mA		
Weight		134g		