Common performance specifications for CPU

Item			Specifications	Remark
			XEM-DN32H2/XEM-DN32HP, XEM-DP32H2/XEM-DP32HP	
Program control metho			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		Spectial 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	