

Quantum CPU Specification Summary

	140CPU11302	140CPU11303	140CPU43412A	140CPU53414A	140CPU31110	140CPU65150	140CPU65160	140CPU67160
Processor / clock speed	186 / 20 MHz	186 / 20 MHz	486 DX / 80 MHz	5x86 / 133 MHz	486 / 66 MHz	586 / 166 MHz	586 / 266 MHz	586 / 266 MHz
Memory flash / SRAM	256K / 256K	256K / 512K	1M / 2M	1M / 4M	1M / 2M	-- / 2M	-- / 2M	-- / 2M
Discretes (in / out)	8,192 / 8,192	8,192 / 8,192	65,535 any mix	65,535 any mix	65,535 any mix	65,535 any mix	65,535 any mix	65,535 any mix
Maximum IEC 61131-3 program	109K	368K	896K	2.5M	400Kb	512Kb / 7.2Mb with PCMCIA	1024Kb / 7.2Mb with PCMCIA	1024Kb / 7.2Mb with PCMCIA
Modbus Plus port	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Modbus ports	1	1	2	2	2	1	1	1
Ethernet ports	–	–	–	–	–	1	1	1 (hot standby)
USB ports	–	–	–	–	–	1	1	1
Option modules supported	2	2	6	6	2	6	6	6

Number of K instructions executed by Kins/ms:

100% boolean	3.3	3.3	1.86	1.97	1.86	10.28	10.28	Δ
65% boolean and 35% numerical	3.3	3.3	2.49	2.61	2.49	9.91	10.07	Δ

Δ Available at a later date.