

Performance Comparison Table of ISaGRAF Controllers

	CPU	Normal running Speed (Normal PLC scan-time)	Normal Speed for floating point calculation (scan-time)	Ethernet	ISaGRAF code size limitation (bytes)	Memory available for running program (bytes)
i-7188EG	80188-40M Hz or compatible	About 1 (5 to 100 ms)	About 0.2 (25 to 500 ms)	1 port 10 Mbps	64K	About 512K
i-7188XG	80188-40M Hz or compatible	About 1 (5 to 100 ms)	About 0.2 (25 to 500 ms)	No	64K	About 512K
i-7186EG	80186- 80 M Hz or compatible	About 4 (2 to 25 ms)	About 0.8 (10 to 125 ms)	1 port 10/100 Mbps	64K	About 576K
i-8417 i-8817	80188-40M Hz or compatible	About 1 (5 to 100 ms)	About 0.2 (25 to 500 ms)	No	64K	About 512K
i-8437 i-8837	80188-40M Hz or compatible	About 1 (5 to 100 ms)	About 0.2 (25 to 500 ms)	1 port 10 Mbps	64K	About 512K
i-8437-80 i-8837-80	80186- 80 M Hz or compatible	About 4 (2 to 25 ms)	About 0.8 (10 to 125 ms)	1 port 10 Mbps	64K	About 512K
W-8037 W-8337 W-8737	Strong-ARM 206 MHz	About 10 to 20 (3 to 15 ms)	About 10 to 20 (3 to 15 ms)	1 port 10 Mbps	1M	About 20M to 40M
W-8047 W-8347 W-8747	Strong-ARM 206 MHz	About 10 to 20 (3 to 15 ms)	About 10 to 20 (3 to 15 ms)	2 ports 10/100 Mbps	1M	About 20M to 40M