

TOSHIBA nV Series

Series		nV Type 1	nV Type 2
Main Use		PLC	DCS
Model		PU811	PU821
Program capacity		256k steps	512k steps
Local variable/global		256k words	256k words
I/O variable		16k words	16k words
Task	Periodical task	Ultra high speed: 0.5 to 500 ms	High speed: 10 to 500 ms
		High speed: 0.5 to 500 ms	Main: 100 to 10,000 ms
	Event task	Event: 8 or I/O interruption: 16: Selective	Event: 8 I/O interruption: 16
Task switching time		60µs or less	
Processing performance	Bit	Contact: 20 ns	
		-	
	Integer	Transfer: 20 ns	
		Addition: 20 ns	
		Subtraction: 20 ns	
	Floating	Point Addition: 120 ns	
Multiplication: 120 ns			
System configuration		Single/Duplex	
Program language		LD(ladder diagram), FBD(function block diagram), SFC(sequential function chart), ST(structure	
Scan cycle		High-speed scan: 100µs or more	
		Medium-speed scan: 1 ms or more	
Transmission mode		Scan Transmission: High-speed cycle: 1 ms to 160 ms, Medium-speed cycle: 10 ms to 1,000 ms, Low-speed cycle: 100 ms to 10,000 ms	
		Message transmission: TCP/UDP/IP/ARP/ICMP	