

TOSHIBA

Leading Innovation >>>

Industrial Automation & ProcessControl

Enhanced V200 Series CPU

Fast, Compact, Economical, Powerful

The PU230 (GPU230*3S) is an enhanced CPU module for the V200 Series PLCs. All of the I/O modules used by earlier V200 CPU modules can be used with the PU230 CPU.



◆ Supports 16 I/O Modules	◆ Modbus Networking, Serial & Ethernet
◆ Ethernet Port Program Download	◆ USB Port Program & Monitor
◆ Wide Variety of Ladder Instructions	◆ Toshiba ASD/Inverter Protocol
◆ Simple Ladder Programming	◆ Data Sharing with Other PLCs

Hardware Specifications

Processor	32 bit RISC Processor	400 MHz
Power	Input Voltage	24 Vdc \pm 15 %, Reverse Polarity Protection.
	Maximum	10.4 W at 24 Vdc
Communication Ports	2 Serial Ports	COM1 RS232/422/485, 2/4 Wire, RJ45 Conn.
	1 Ethernet Port 1 USB Host Port 1 USB Device Port Exp. Modules Conn.	COM2 RS485/ 2 Wire, 4 pin Term. Block 10/100 Mbps USB Memory Drive Connection Programming and Monitoring 16 Modules
Switches	PLC Mode Control	Run/Halt
Temperature	Operating	-20° to +60° C
	Storage	-20° to + 85° C
Expansion Modules	16 Max	All existing V200 modules
Approvals	UL CE & RoHS	Class 1 Div. 2
Dimensions	100 x 36 x 70 mm	
Weight	170 gm	

Functional Specifications

Program Language	Native Ladder	IEC61131
Memory Type	Flash	Data Register/RTC with battery backup
Total Program Memory	5120 k Steps	22 Mb Application, 30 Mb Ladder
User Memory	I/O Registers/Devices	128/2048 words/points
	Data Registers Retentive Registers System Registers Timer Registers/Dev. Counter Registers/Dev. Config. Registers/Dev. Index Registers	4096 words 1400 (EEPROM) 256 words 256/ 256 words/points 256/256 words/points 1600/25600 words/points 3 (I, J, & K)
Execution Speed	Contact 0.02 μ s	Transfer 1.27 μ s
	Coil 0.82 μ s	16 bit Signed Addition 1.25 μ s
Real Time Clock/Cal.	Year, Month, Day,	Day of Week, Hour, Minute, Second

PLCs ADJUSTABLE SPEED DRIVES MOTORS CONTROLS UPS INSTRUMENTATION

TOSHIBA

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