

NEW PRODUCT RELEASE

PFC200 Performance Class Controllers



WAGO's new line of PLC's expands on the flexible multi-tasking, 750 series of programmable controllers. The PFC200 line offers advanced performance class programmable controllers. Employing IEC 61131-3 compatible WAGO-I/O-PRO software, the PFC200 provides an easy to use environment for PLC programming and process visualization.

The PFC200 comes in a variety of field bus configurations to meet specific application requirements. Multiple field bus ports enable the PFC200 to act as a fieldbus gateway, eliminating the need for third-party converters. Switching field devices between MODBUS TCP/UDP/RTU, CAN, PROFIBUS, Smart Grid and Serial RS-232/RS-485 has never been easier.

The PFC200 series offers advanced computing power in a very compact profile. A 600 MHz ARM Cortex A8 processor offers the high speed processing and support of 64 bit variables, required to power applications involving complex algorithms. The PFC200 offers an extensive 256 MB of internal flash memory with the ability to add an additional 32 GB of memory space, via an SD card slot. The PLC's are also highly configurable, offering compatibility with over 400 analog, digital and specialty modules.


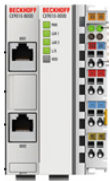



Features/Benefits:

Multiple Fieldbus Ports	Transfer data easily across different networks
Cortex A8 600Mhz Processor	High speed processor for complex applications
Supports 64 bit variables	Enables High accuracy floating point and large value data manipulation
Large Memory onboard plus SD card slot	Use with data storage applications
Built in Web Server	Low cost system monitoring and control across Ethernet Networks
WAGO-I/O-PRO Programming software	Supports all IEC 616131 programming languages
Access to 400 + I/O and specialty modules	I/O to meet your demanding application needs
Compact footprint	Reduce enclosure size
World Wide Certifications	Use in equipment for global distribution.

Properties	PFC200
Processor	Cortex A8, 600MHz
Program Memory	256 Mbyte
Data Memory	256Mbyte
Non Volatile Memory	128Kbyte
Maximum I/O Modules	250
Ethernet Connections	Dual Switch
Ethernet Baud Rate	10/100/Mbit/s
Ethernet Protocols	MODBUS TCP/UDP, SNMP, HTTP(S), BootP, DHCP, DNS, FTP(S), NTP
Programming	WAGO-I/O-PRO CAA
IEC 61131-3	IL, LD, FBD, ST, FC
Removable Memory	SD Card up to 32GB
Operating Temperature	0°C to +55°C / -20°C to +60°C versions
Web Visualization	Included
Configuration	Web Based Management
64 bit variables	Supported: LREAL, LWORD, LINT
Maintenance Free	Passive Cooling, No battery

Controller	MODBUS TCP/UDP	CAN	Configurable RS232/483	PROFIBUS Slave	Smart Grid	0°C to +55°C	-20°C to +60°C
750-8202	X		X			X	
750-8202/025-001	X		X		X		X
750-8202/025-002	X		X		X		X
750-8203	X	X				X	
750-8204	X	X	X			X	
750-8206	X	X	X	X		X	

Competitive Analysis:

	WAGO	BECKHOFF	BECKHOFF	B&R	National Instruments
					
	PFC200	CX9010	CX9020	X20CP1584	NI cRIO-9076
Product Category	Controller	Embedded PC	Embedded PC	Controller	Controller
List Price	\$1,100 to \$1,740	\$1,261.00	\$1,400.00	\$1,200.00	\$2,281
Ethernet	MODBUS TCP/UDP, HTTP(S), BootP, DHCP, DNS, SNTp, SNMP, FTP(S)	MODBUS TCP	Ethernet, ADS, MODBUS TCP/UDP,	EtherNet, PowerLink	Ethernet
Additional Protocols	CAN, RS232, RS485, MODBUS RTU, PROFIBUS slave	EtherCAT option	EtherCAT Option	RS-232, USB	RS232
Processor	Cortex A8 600Mhz	Intel IXP420 533 Mhz	Cortex A8 1 GHz, with floating point	Intel Atom 600 Mhz	400 Mhz
RAM	256 MB	1 GB	1 GB	256 MB	256 MB
Program Memory	16MB				128 MB
Data Memory	64MB				
Non-Volatile Memory	96KB	128 MB	128 MB	1 MB	512 MB
FLASH Memory	256 MB	32GB	256 MB		
Removable Memory	SD card 32 GB	CF card 32 GB	SD Card 32GB	CF card 32GB	None
Notes		Windows CE operating System, Battery Backup, 2 versions (eBUS and kBUS), Not a gateway	Operating system stored on micro SD card, Fieldbus interface is additional cost	Battery Backup, Not a Gateway	Maxum of 8 I/O nodes, Ethernet Fieldbus only

WAGO PFC 200 Selling Features: Where to Sell (Promote!):

- Multiple Fieldbus on board - Gateway between protocols
- High Speed Processor for complex applications
- Support of 64 bit variables for high accuracy math functions
- Large memory for data storage applications
- Supports all standard languages (ladder, structured text, function block and others)
- Access to over 400 I/O and specialty modules
- Compact footprint
- Worldwide certifications
- 6 versions - Application flexibility

- Machine Automation
- Solar systems
- Shipboard automation
- Water and Waste water

- Oil and Gas applications
- Process equipment automation
- Substation control
- Simulation systems

Cross Selling Opportunities:

- Interface products
- Power Supplies
- Ethernet Switches

- WAGO I/O PRO software
- Fieldbus Connectors