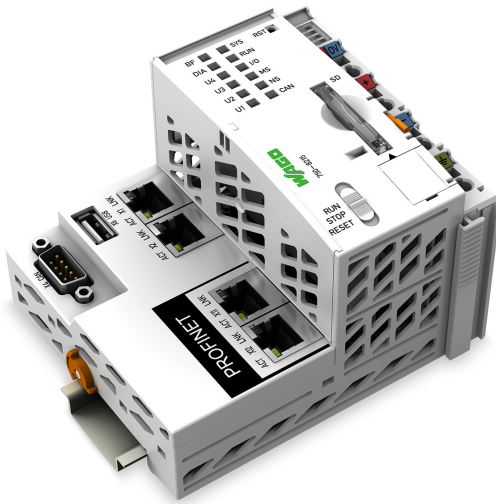


# NEW PRODUCT RELEASE

## PFC200 G2 with PROFINET, 750-8215



WAGO extends the family of PFC200 Generation 2 controllers with the 750-8215. This controller includes two configurable Ethernet ports, two PROFINET ports, one CANopen port, one USB port and a SD card slot.

The PROFINET ports are switched for use as a line configuration. The slave ports enable the 750-8215 to function as an I/O device connected to a PROFIBUS master.

The USB-A port is used with removable memory devices for extending the memory capabilities of the controller. The USB memory is used with WAGO's memory stick, part number 758-879/0000-4108. The SD card slot can also be used for extending the memory up to 32 GB in order to back up and restore the controller's applications and firmware.

The two Ethernet ports can be used in a switched configuration or they can be separated. The ports support MODBUS TCP/UDP, and Ethernet/IP (adapter). The ports support other protocols such as EtherCAT and Sparkplug with additional licenses.

The CANopen port can connect to devices on a CAN network. The port also supports the J1939 protocol used by large diesel engines.

This controller is IIoT-ready, supporting the MQTT protocol. This controller is also Linux-based and supports Docker Containers. The controllers' network security features include built-in Firewall, VPN and TLS security.

Programming and configuration is completed with WAGO's e!COCKPIT software engineering tool.

### Features/Benefits:

Two PROFINET slave ports	Communicate with PROFINET master devices like Siemens controllers. The 750-8215 acts as a gateway between multiple protocols.
USB port for memory	Extend the memory of the controller with an external USB memory device
Cortex A8 1 GHz 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
e!COCKPIT programming software	Supports all IEC 616131 programming languages, use the e!COCKPIT network configuration tools for straightforward system setup.
Access to 500+ I/O and specialty modules	I/O to meet your demanding application needs
Compact footprint	Reduce enclosure size
MQTT, VPN, built-in Firewall	Ideal for IIoT applications

### Selling Features:

- Multiple fieldbuses onboard - Industrial gateway between protocols like Ethernet/IP, EtherCAT, CANopen, MODBUS TCP and PROFINET
- High speed processor for complex applications
- Support of 64 bit variables for high accuracy math functions
- Large memory for data storage applications
- IIoT protocols: Sparkplug, MQTT, OPCUA
- Program with e!COCKPIT: supports all standard languages (ladder, structured text, function block and others)
- Access to over 500 I/O and specialty modules
- Compact footprint

### Where to Sell:

- Machine automaiton
- Renewable energy systems
- Shipboard automation
- Water and wastewater
- Oil and gas applications
- Process equipment automaiton
- IIoT digital transformation applications

### Cross Selling:

- Interface products
- Power supplies
- Ethernet switches
- Fieldbus connectors

Important Links: [Web Page, www.mywago.us](http://www.mywago.us)

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# NEW PRODUCT RELEASE




## PFC200 G2 with PROFINET, 750-8215



### Product Properties:

Properties	750-8215	Properties	750-8215
Processor	Cortex A8, 1 GHz	CANopen Port	CANopen, J1939
Main Memory (RAM)	512 MB	Programming	e!COCKPIT only
Internal Memory (Flash)	4 GB	IEC 61131-3	IL, LD, FBD, ST, FC
Non-Volatile Memory	128 Kbyte	Removable Memory	SD card up to 32 GB or USB-A
Maximum I/O Modules	250	Operating Temp.	0 °C ... +55 °C
Ethernet Connections	Configurable: Switched or Separated	Web Visualization	Included
Ethernet Baud Rate	10/100 Mbit/s	Configuration	Web Based Management
Ethernet Protocols	HTTP(S), SNMP, DHCP, DNS, FTP(S), NTP, MODBUS TCP/UDP, Ethernet/IP, EtherCAT (additional license)	64 bit variables	Supported: LREAL, LWORD, LINT
IIoT Protocols	MQTT, OPC UA, Sparkplug (additional license)	Maintenance Free	Passive cooling, no battery
PROFINET Ports	Dual Switched (PROFINET only)	Docker Container	Yes
List Price	\$1,504.00		

### Competitive Analysis:

	WAGO	Allen Bradley	Beckhoff Automation
			
Product Category	Controller	Controller + Comm. Module	Embedded PC + Comm. Module
List Price	\$1,504	\$1,580 + \$972 = \$2,552	\$900 + \$395 = \$1,295
PROFINET	Dual Switched	Single RJ45	Dual Switched
Ethernet	Dual Configurable	Dual Switched	Dual Switched
Ethernet Protocols	MODBUS TCP/UDP, Ethernet/IP, EtherCAT (additional license), HTTP(S), BootP, DHCP, DNS, SNTP, SNMP, FTP(S)	Ethernet/IP	MODBUS TCP/UDP, HTTP(S), DHCP, DNS, SNTP, FTP(S)
Additional Ports	CANopen	None	DVDI
USB Port	1 USB-A	USB (programming port)	4 USB 2.0
Processor	Cortex A8 1 GHz	Not Published	Cortex A8 1 GHz
RAM	512 MB	375 KB	1 GB
Program Memory	16 MB	500 KB	
Data Memory	64 MB		
Non-Volatile Memory	128 KB		128 MB
FLASH Memory	4 GB		256 MB
Removable Memory	SD card 32 GB	SD card 2 GB	2 x SD card 32 GB
Notes		Programmed with RSLogix5000 software. 32 digital I/O onboard, only supports 4 I/O modules. Used with Profisoft PROFINET slave module. High cost, low I/O, no gateways	Estimated list price is for hardware only. Additional software licenses for fieldbus runtime is required. Windows operating system.

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