

MicroNet™ Plus P1020 CPU

Product Change / Improvement

Woodward is pleased to announce the release of the new P1020 MicroNet Plus CPU. This CPU is an enhanced performance offering which is sold alongside the existing 5200 CPU for all MicroNet Plus customers requiring greater performance and connectivity.

Enhancements include:

- 3-5 x processing power (depending on application specifics)
- 4 x RAM memory
- 10 x Flash memory
- Split processing – one core for Rate Group tasks, one for Free Run tasks
- 5 CANopen / RTCnet ports
- 2 additional Ethernet ports with speeds up to 1Gbps
- Cyber Security capability standard on both versions

In many distributed I/O systems, the additional CAN ports will allow a distributed LinkNet HT / RTCnet / Valve Control system without the use of an RTN Gateway.

The Secured Application version includes factory serial number registration and secure keys for protecting customer IP contained in application programs. The application programming is locked to a specific CPU serial number and cannot be copied to other systems.

New CPU Modules

Program	Upper Level	Description
MicroNet Plus	5466-1510	MicroNet Plus P1020 CPU
MicroNet Plus	5466-1520	MicroNet Plus P1020 CPU (Secured Application)

System Requirements:

- MicroNet Plus with Coder MicroNet 1.00 or later (this is a new numbering system, Coder MicroNet 1.00 is derived from the current coder 6.XX platform).
- Backwards compatible to all MicroNet Plus modules supported under Coder 6.XX.
- Redundant CPU applications require two identical CPUs.
- At the current time P1020 supports MicroNet Plus. TMR is a separate platform which will be upgraded to include the P1020 at a later date.

Customer Action

Customers who need the horsepower or the advanced communications capability of the P1020 should start ordering the new CPU. Deliveries begin in July 2016. Plan for the 5200 CPU is to remain a standard part of the MicroNet plus system for at least the next 5 years. Customers who do not need the additional horsepower or features may continue ordering the 5200 CPU.

For additional information and support:

1. Contact your local Woodward representative and/or turbine OEM.
2. Woodward contact and business partner information can be obtained at www.woodward.com.
3. Technical assistance can be obtained by:
 - a. Searching for a local contact at www.woodward.com/directory
 - b. Call or email the Woodward Turbine Help Desk: 1-970-498-3095
TurbineHelpDesk@woodward.com



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