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Product Change Notification **06964**
(Revision - 11/2020)

MicroNet™ Plus CPU Modules

Product Information

The MicroNet CPU5200 was first introduced in 2005 for the MicroNet Plus and has continued as the standard offering for this product line for the past 15 years. The CPU P1020 was released in 2016 as a high-performance option for the MicroNet Plus. As of December 31, 2020, the P1020 will become the standard CPU for the MicroNet Plus.

The CPU5200 will remain the standard CPU for the MicroNet TMR., however we are asking that all new MicroNet Plus installations after December 31, 2020 use the P1020. There are thousands of MicroNet Plus systems currently in use running CPU5200's and Woodward will continue to support these systems.

MicroNet Plus CPU P1020

The P1020 has several key advantages over the 5200:

- All versions are standard with cybersecurity including secure passwords, Achilles ACC certification and optional SSH encrypted communications.

- Eight times the RAM memory and six times the Flash memory.

- Two cores each with four times the horsepower of the 5200 processor.

- One core dedicated to Real-Time tasks, the other to Free-Run tasks including communications.

- Five CANopen network ports (instead of two) on each CPU, configurable to drive many CAN-based devices including Woodward valves, Servo Position Controllers and RTCnet or LinkNet HT distributed I/O.

- Six Ethernet ports including two Gigabit ports for connection to the DCS, HMIs and workstations.

5466-1511 CPU P1020 System Requirements:

- Because of the CPU P1020's cybersecurity features, Expansion Chassis should be used with the 5466-1146 Cybersecure RTN module.

- Many systems will not require an RTN Gateway due to the CPU P1020's five included CAN ports, however if a Gateway is needed the 8200-1253 Cyber Gateway should be used.

- The 5466-1511 CPU should be used with Coder MicroNet 1.02 and above.

Support for Current CPU5200 Systems

The CPU 5200 has been our standard CPU for MicroNet plus for over 15 years.

- Existing CPU5200 versions including 5466-1035, 5466-1141, 5466-1145 and 5466-1245 will remain available as spare units for the foreseeable future.

- Customers with 5466-1045 CPUs should upgrade to the 5466-1145 version of the CPU5200. See Bulletin 01665.

- Full repair services continue to be available for the CPU5200.

Customer Action

Use only the **Preferred** CPU P1020 versions for new installations. The **Non-Preferred** CPU5200 remains active to support spare parts production and system expansion needs for customers with existing systems.

If installing a new system or upgrading an existing system, Woodward recommends using the most recent available CPU for your system.

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