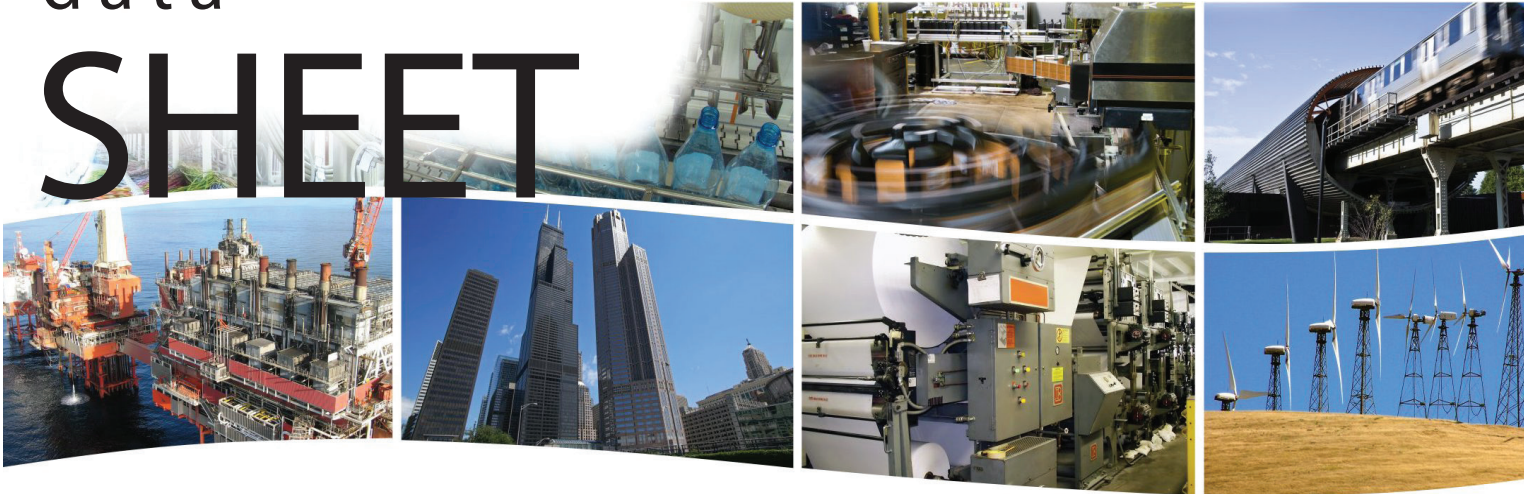


data SHEET



Automation Platform

The EIAP5G Automation Platform is the ideal platform for your automation software solution. With its 1.2GHz CPU and 512MB of RAM the Automation Platform provides more than ample horsepower for the most demanding software applications.

Product Features

- 1.2GHz ARMv5TE CPU Marvell 88F6281
- 512MB DDR2 RAM
- Bootable microSD card slot or embedded eMMC Flash device (8GB)
- Linux Version 3.4.x.
- 802.11b/g/n Wi-Fi
- EnOcean (optional)
- 4-port Gigabit switch with 10/100Mbps support as well
- ETH0 (WAN) and ETH1 (LAN) Ports which appear as two separate Ethernet ports
- Ethernet ports indicate connection data rate
- Two optically isolated EIA-485 ports with automatic TXEN support
- One USB 2.0 high speed port (480Mbps)
- Real-Time Clock (supercap backed up)
- Software controlled Status LED
- 24VAC/DC power
- Status LEDs
- 0 - 60° C

Providing hardened circuitry and solid construction, the Automation Platform is a reliable solution for the most rugged automation systems and with its support of up to 128GB microSD cards, Flash space will never be an issue.



EIAP5G-DEV
Automation Platform

Preliminary

Overview

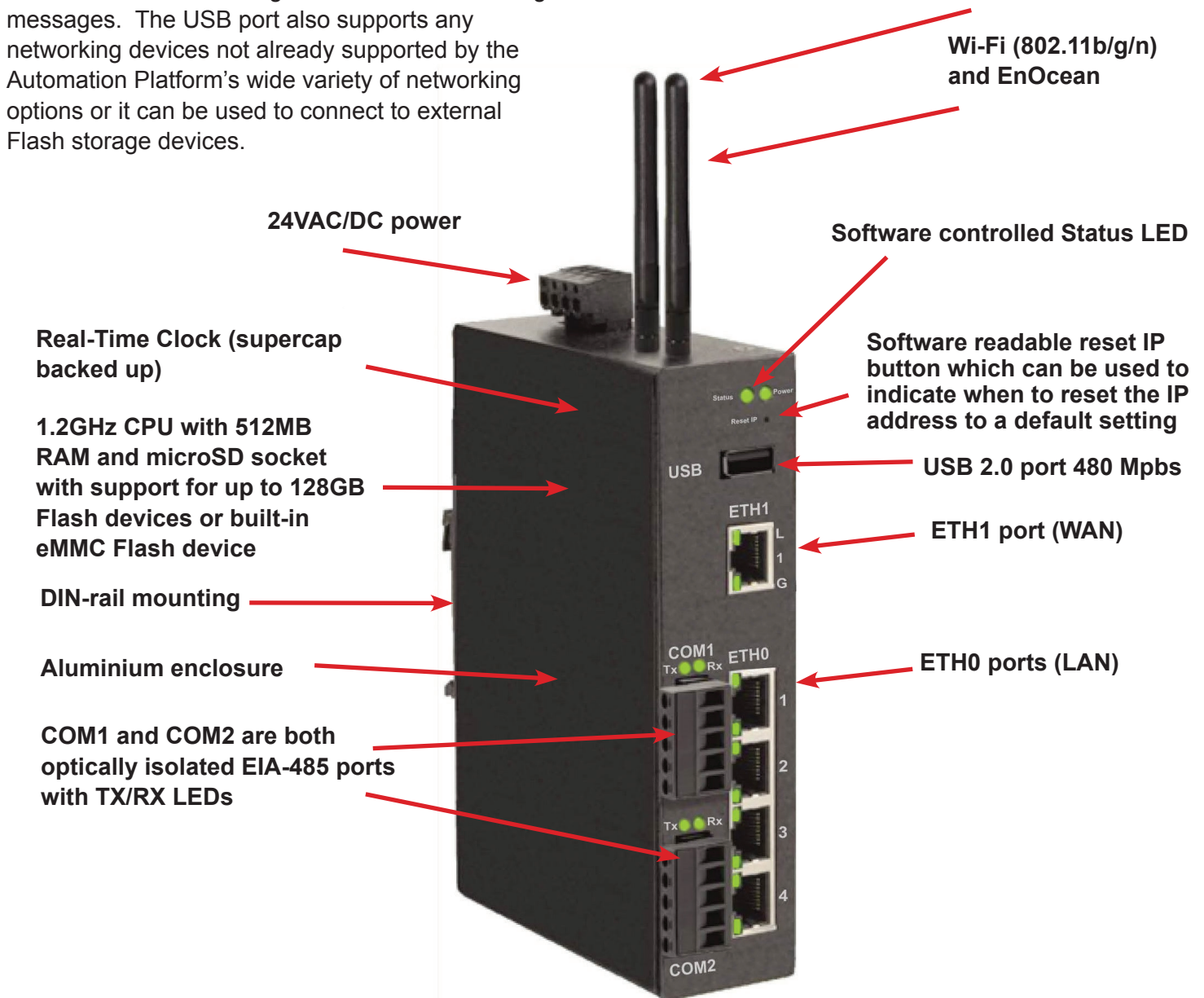
The Automation Platform can communicate with almost any standard network device, from Gigabit Ethernet to Wi-Fi to EnOcean to EIA-485.

The CPU has two Ethernet ports, of which one connects to the ETH1 (WAN) port. The ETH0 (LAN) ports are connected to a second port on the CPU. This allows the Automation Platform to work on two networks at the same time or to act as an IP router.

The optically isolated EIA-485 ports have automatic TXEN control so the software does not need to be concerned with controlling TXEN when transmitting messages. The USB port also supports any networking devices not already supported by the Automation Platform's wide variety of networking options or it can be used to connect to external Flash storage devices.

Unlike other off-the-shelf CPU boards, the Automation Platform supplies a software controllable Status LED which communicates to customers the status of the software.

There is also a reset IP switch which the software can read and can be used to indicate when to utilize a standard IP address and password. This is especially important so that customers can reach the device if they lose the IP address or password.



Ordering Information

<i>Model</i>	<i>Description</i>
EIAP5G-DEV	1.2GHz Automation Platform development system (contact us for information)

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