



Features

- ARM Cortex®-M4 Core based 32bit
- 2 x RS-232
- 4 x RS-485 (switched)
- 4 x Digital Out
- 4 x Digital Input
- 4 x Analog Input
- 1 x Ethernet
- SD Card Storage
- RTC
- USB OTG x 1 (opt.)

Introduction

The PLink-boards are designed to build sophisticated network connectivity to your product quickly and simply. PLink-board is a compact, integrated solution to web-enable devices with serial capability. PLink-board eliminates the development effort and helps to offer network connectivity within weeks. Your products can be accessed and controller over Ethernet.

Specification	
CPU	Cortex – M4 (NXP Kinetic)
CPU Clock	100 MHZ
RAM	128 KB
FLASH	512 KB
COM	2 x RS-232
	4 x RS-485 (Switched)
USB	1 x Host (Type-AB)
SD Card	UPTO 8 GB
Ethernet	10/100 Mbit With IEEE 1588
Digital In	4 x DI Opto-Isolated
Digital Out	4 x DO Opto-Isolated
Analog In	4 x AI (0-5VDC,0-20mA)
RTC	Yes
GPIO	4 (Configurable)
Power Input	12 to 24 VDC
Power Input	7.5 to 30 VDC
Operating Temperature	-20 C ~ +70 C
Relative Humidity	5% ~ 95%
Dimension	110 x 72 mm

Application

- AMR (Automatic meter reading)
- Machine Vision
- Industrial Automation
- Home Automation
- DCU (Data concentrator unit)
- Agriculture
- Building Automation Controllers
- Serial Bus Data Converter
- IoT Applications

Ordering Information

- IoT Gateway without USB (plink-gw-nu)
- IoT Gateway with USB (plink-gw)

Additional Accessories

- Power adapter (p-plink-12)

