

EPIMX6

Serial to WIFI or Ethernet Gateway

The EPIMX6 is compact, cost-effective, and powerful platform for connecting legacy serial data based systems to the Internet. The module has 3 x UARTs and will fit into compact spaces. It is industrial rated and supports 1 USB port, and 1 Gigabit Ethernet port and several different I/O options. At the heart of the EPIMX6 is the NXP i.MX 6 UL processor with ARM Cortex A7. Uboot and Linux software are also available for the EPIMX6. Legacy and custom serial protocols can be converted and sent to Microsoft Azure, Amazon AWS and IBM Cloud.



Feature Summary:

Specification:	Description:
Processor:	i.MX6UL (528MHz processor with ARM Cortex-A7 core)
DDR Memory:	256MB DDR3L DRAM memory
Flash:	4GB eMMC, 64MB QuadSPI NOR flash
Ethernet:	RMII to 10/100BASE-T Ethernet port with CAT 5E connector
Bluetooth:	Bluetooth 4.0 using Redpine RS9113-NB0-D1N
Antenna:	External U.FL to SMA cable, secured to PCB
Wi-Fi:	Dual-band 802.11a/b/g/n
Cellular (Optional):	Multiple protocol options available. CDMA, GSM/GPRS, etc.
UART:	3 RS-232/RS-485 to UART transceivers (connections use TE 5-104363-4)
UART Debug Port:	1 USB micro-B connector
User Input:	3 User pushbuttons
LED:	2 User status
Programmer:	Cortex JTAG+ETM debug port
Power Input:	8-30VAC or 8-30VDC (Power connector is Molex 39-30-2030)

EPIXM6

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M2M Data Access and Management

