

EX9486-2L Quick Installation Guide

Overview

EX9486-2L features two serial ports, dual 10/100 Mbps Ethernet, USB port for flash disk expansion. The pre-install Linux OS and GNU tool chain make EX9486-2L ready for your application development.

Packing List

EX9486-2L is shipped with following items

1. EX9486-2L
2. TopSCCC CD includes Tool Chain, Installation guide and example programs

EX9486-2L Panel Layout



Connector Description

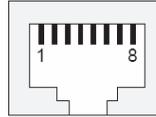
Power Connector

Connect the 9 to 48VDC power line to EX9486-2L. If the power is properly supply, the ready LED will show a solid green light which indicates OS is ready.

Ethernet Port

The Ethernet Port use RJ45 connector

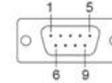
Pin	Signal
1	ETx+
2	ETx-
3	ERx+
6	ERx-



Serial Port

The four serial ports use DB9 connector and the pin assignment are shown as following table.

Pin Number	Transmission Signals		
	RS-232	RS-422	RS-485
1	DCD	TxD-	-
2	RxD	TxD+	-
3	TxD	RxD+	Data+
4	DTR	RxD-	Data-
5	GND	GND	GND
6	DSR	-	-
7	RTS	-	-
8	CTS	-	-
9	-	-	-



USB Port

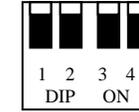
The USB 2.0 Host port now supports following devices

1. USB Storage Device
2. USB to Wireless LAN Adaptor (Ralink RT2570)
3. USB to Ethernet Adaptor (Realtek RTL8150)
4. USB to Serial Adaptor (Prolific 2303)

Use command *modprobe rt2570* and *modprobe rtl8150* load the device driver. USB to Serial Adaptor (ttyUSB0 and ttyUSB1) are built-in Kernel.

DIP Switch

Switch is a four keys DIP switch and are reserved for your application.



Reset Button

Press the "Reset" button to activate the hardware reset. You should only use this function if the software does not function properly. Please always use "Reboot" command to reset the system.

Ready LED

The Ready LED will show solid green if EX9486-2L complete system boot up. If Ready LED is off during system boot up, please check if power input is correct. Turn off the power and restart EX9486-2L again. If Ready LED is still off, please contact the manufacture for technical support.

LAN LED

When Ethernet port are connected to the network, LAN LEDs will show solid green and if there is traffic is the Ethernet, these LEDs will flash

Serial Port LED

These four dual color LEDs indicate the data traffic at the serial ports. When RXD line is high then Green light is ON and when TXD line is high, Yellow light is ON.

