

Pronghorn Metro SBC Quad Radio Quick Start Guide

This guide describes how to bring up the Pronghorn Metro SBC so that 3rd party software stacks can be installed or software development tasks can begin. This guide identifies the power, serial, Ethernet, and JTAG connections that may be necessary to perform these activities.

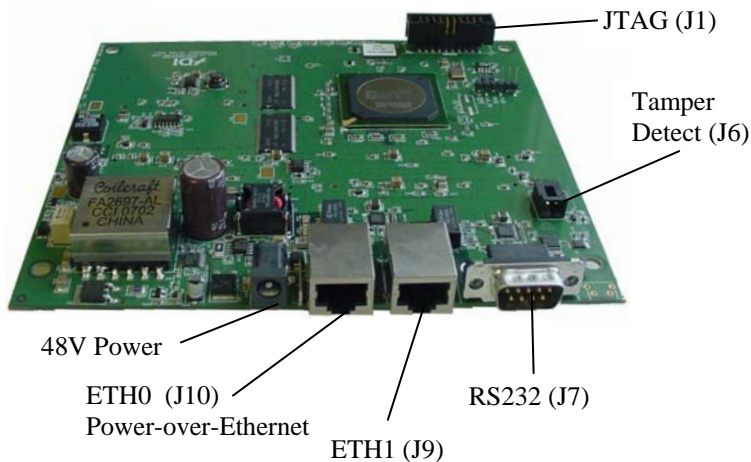


Figure 1 - Pronghorn Metro Top Side

1. **Connect a serial null modem cable from the Host Computer to the DB9 connector at RS232 port (J7)**
2. **Configure the Host Computer terminal emulator for 115200-N-8-1-N**
3. **Connect power and Ethernet in one of the following configurations:**
 - o **Line power, or**
 - o Connect an Ethernet cable from a DHCP-enabled LAN to the RJ45 port at ETH0 (J10)
 - o Connect a 48V/.620A DC adapter to the barrel connector at 48V Power (J12)
 - o **Power-over-Ethernet injector**
 - o Connect an Ethernet cable from a DHCP-enabled LAN to the Data port of a Power-over-Ethernet injector
 - o Connect an Ethernet cable from the Data & Power port of a Power-over-Ethernet injector to the RJ45 port at ETH0 (J10)
4. **A “RedBoot>” prompt will appear on the terminal emulator**

LED	Description
STATUS	RedBoot turns this LED ON shortly after power up – indicates power present and software operational
ETH0 (WAN)	ON indicates Link on ETH0 (WAN), Blinking indicates activity
ETH1 (LAN)	ON indicates Link on ETH1 (LAN), Blinking indicates activity
PCI0	Depends on mPCI card in PCI0 slot – usually indicates card active
PCI1	Depends on mPCI card in PCI1 slot – usually indicates card active
PCI2	Depends on mPCI card in PCI2 slot – usually indicates card active
PCI3	Depends on mPCI card in PCI3 slot – usually indicates card active

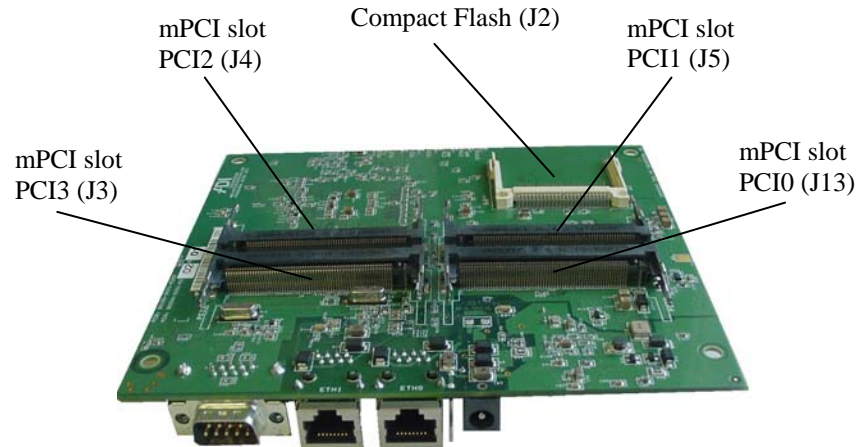


Figure 2 - Pronghorn Metro Bottom Side

Additional Information

Hardware and Software Manuals, Linux BSP and RedBoot source trees, toolchains, etc. are freely available on the ADI Engineering webpage for Pronghorn Metro SBC:

http://www.adiengineering.com/php-bin/ecom4/productDisplay.php?category_id=30&product_id=85

Technical Support

Register for access to FAQ, Message Boards, etc.

<http://www.adiengineering.com/extranet/>