

A USB JTAG programmer for Gateworks Avila and Cambria Network Platforms

The GW16042 programs Flash memory resident on Avila and Cambria network platforms through a USB connection from standard PC development platform. The GW16042 simultaneously allows serial console access over the same JTAG interface.

FEATURES

- ◆ Supports Avila and Cambria Network Platforms
- ◆ JTAG Programming and Serial Console Support
- ◆ USB Power Status LED
- ◆ USB v2.0 Full Speed Operation
- ◆ USB Interface Powered by Host
- ◆ JTAG Interface Powered by Target
- ◆ Wide Target Operating Voltage 3.0VDC to 5.25VDC
- ◆ Upload, Download, Verify and Program Commands
- ◆ Black ABS Plastic with Fine Matte Finish
- ◆ Windows 2000, XP, Vista and Linux Driver Support
- ◆ -40°C to 85°C Operating Temperature
- ◆ 1 Year Warranty



SPECIFICATIONS

ELECTRICAL

USB Operating Voltage:

- ▼ 4.35 to 5.25VDC

USB Operating Current:

- ▼ 0.30A Typical

MECHANICAL

Dimensions:

- ▼ 2.0in x 3.0in x 1.2in (51mm x 76mm x 30mm)
Excluding USB connector and JTAG cable

Connectors:

- ▼ USB Type A Plug
- ▼ JTAG 14-pin Header

ENVIRONMENTAL

Operating Parameters:

- ▼ Temperature: -40°C to +85°C
- ▼ Humidity (non-condensing): 20% to 90%

Storage Parameters:

- ▼ Temperature: -40°C to +85°C
- ▼ Humidity (non-condensing): 5% to 95%

