

Slax+8 Linux System

Linux Data Acquisition



Features

- Converts Any PC into a Linux Data Logger
- Includes *Channel 8*, gcc Compiler
- Onboard Linux OS - No Installation Required
- Available as CD or USB Thumb Drive
- Works with External A/D Converters
- Auto-Configuration for Easy Networking
- Includes Secure FTP & Telnet
- Open Source Software

Description:

The *Slax+8* Linux System converts any PC into a Linux networked data logging system. The PC boots off the CD or thumb drive – no software installation is required - and nothing is changed on your PC when you power down. Combine *Slax+8* with your A/D converter to create a complete network-based data logger.

Slax+8 self-configures, automatically detecting the ethernet port and assigning itself an IP address on your network. The *Channel 8* logger is also launched on boot-up and is ready to be accessed via network browser. Secure FTP and Telnet servers are also ready for remote requests. The USB drive version stores logged data on the tumb drive for later review under Windows.

Slax+8 also includes the gcc compiler so you can customize the *Channel 8* programs and develop drivers for your external A/D interface.

Open Source Software:

Slax+8 is based on the SLAX Linux distribution and is open source software available under the terms of the GNU General Public License. This means you can modify or re-distribute with no license fee or royalty.

Specifications:

Platform: CD or USB Thumb drive

Operating System: Slax Linux V 5.1.8

Compiler: gcc

Servers: SSH Telnet, VSFTP, NFS

Text Editor: Joe

Data Logging: Channel 8 Data Logger Installed

A/D Drivers: Supplied by User in C code

PC Requirements: i486, 32 MB Ram, Ethernet, Serial or Parallel Ports, USB Port, CD Drive

A/D Converters: Serial or Parallel Port – Supplied by user

Ordering Information:

Slax+8-CD CD Only Version

Slax+8-USB Thumb & CD Drive Version

The *Channel 8* USB System is Ideal for:

- Remote Data Logging
- Driver Code Development
- Environmental Measurements
- Linux Networking Experiments

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