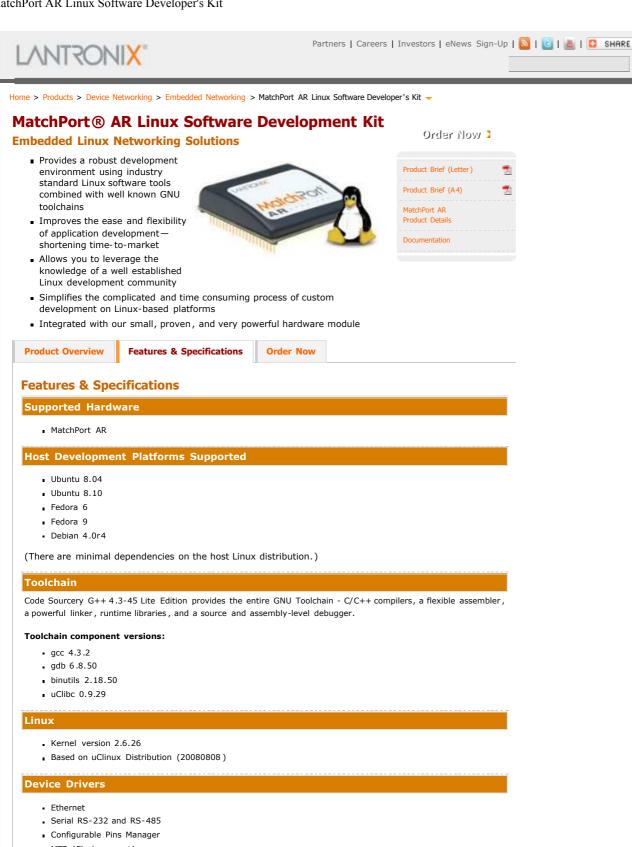
Q



- MTD (Flash support)
- Watchdog

## **Applications and Libraries**

- BusyBox v1.13.2 shell and various Linux utilities
- Boa v0.94.14RC21 web server
- Dropbear v0.52 compact SSH client and server

http://www.lantronix.com/device-networking/embedded-device-servers/matchport-ar-linux-dev-kit.html

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- inetd Network Server
- telnetd Telnet Server
- ftpd v1.4.1 FTP Server
- dhcpcd v1.3.20 DHCP Client
- mii-tool v1.9.1.1 Ethernet Configuration Tool

### File Systems

- ROMFS space efficient read-only filesystem
- JFFS2 Journaling Flash File System version 2. Supports flash wear leveling and helps prevent corruption from power failures
- NFS Network File System
- AUFS layering File System allows easy separation of applications and their configuration files

## Debugging and Testing

- gdbserver for remote debugging
- iperf v2.0.4 network performance testing
- tcpdump v3.9.8 network packet sniffer

### **Available Lantronix Applications**

- Software upgrade utility
- Failure Recovery Framework Solves the maintenance and deployment issues of devices in the field by allowing recovery of failed devices to a known good state over the network. This provides an additional layer of robustness for applications deployed on MatchPort AR.

# **Provided Sample Programs**

- CP Manager GPIO control
- Serial to Ethernet (s2e) serial tunneling over the network

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