

1. Record Nr.	UNINA9910456081603321
Autore	Axelson Jan
Titolo	Embedded ethernet and internet complete [[electronic resource]] : designing and programming small devices for networking / / Jan Axelson
Pubbl/distr/stampa	Madison, Wis., : Lakeview Research, c2003
ISBN	1-280-56709-0 9781931448019 9786610567096 1-931448-01-9
Descrizione fisica	1 online resource (497 p.)
Disciplina	004.65 004.67/8
Soggetti	Ethernet (Local area network system) Internet Embedded computer systems Computer networks Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover; Title Page; Copyright Page; Table of Contents; Introduction; 1. Networking Basics; 2. Building a Network: Hardware Options; 3. Design Choices; 4. Using the Internet Protocol in Local and Internet Communications; 5. Exchanging Messages Using UDP and TCP; 6. Serving Web Pages with Dynamic Data; 7. Serving Web Pages that Respond to User Input; 8. E-mail for Embedded Systems; 9. Using the File Transfer Protocol; 10. Keeping Your Devices and Network Secure; Index
Sommario/riassunto	Bringing together two areas of computer technology?networking and embedded systems?this developer's guide offers guidance and examples for each of these, with a focus on the special requirements and limits of embedded systems. Because developing an embedded system for networking requires knowledge from many areas, including

circuit design, programming, network architecture, and Ethernet and Internet protocols, developers are given valuable technical information on each that can be put to use right away. Covered are the advantages and limits of using Ethernet to connect embedded systems in
