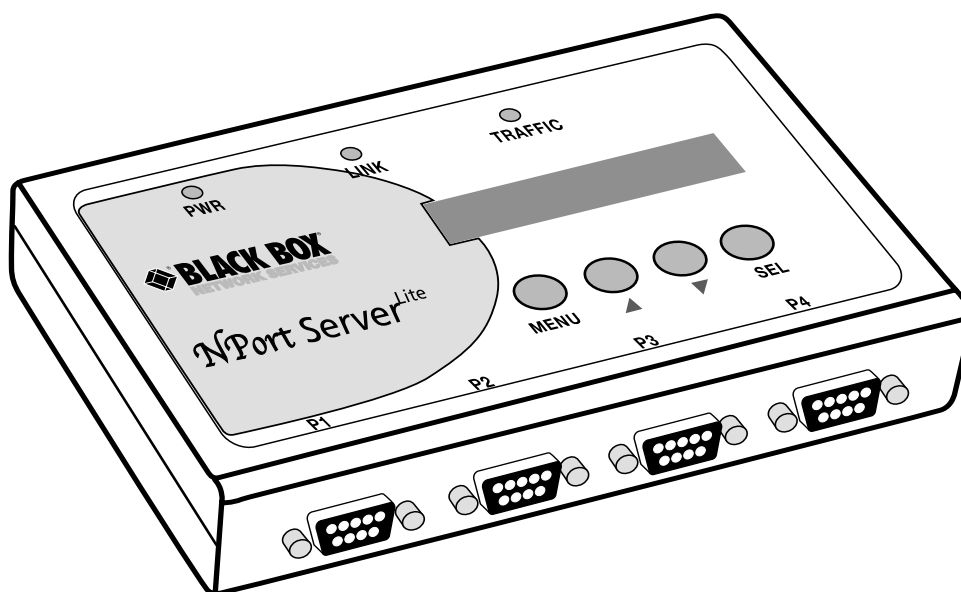


# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

### Com-Server



#### Key Features

- ▶ Supports all Windows native COMs and UNIX/Linux fixed tty drivers
- ▶ Built-in human machine LCD interface for setting up the server and displaying IP address
- ▶ 10/100 Mbps Ethernet interface
- ▶ Industrial strength design with DIN rail mounting rack: surge protection for all ports (15 KV ESD)
- ▶ Includes Network Management utility
- ▶ No need to change your existing COMs application software, saving hardware upgrade costs

The LES240xAE Com-Server Series is an industrial-strength, network-based serial device server for connecting up to four RS-232 or RS-422/485 devices, such as CNCs, PLCs, weight scales, and scanners, directly to a 10/100 Mbps Ethernet network running TCP/IP.

The LES240xAE Com-Server Series has a revolutionary built-in human interface with an LCM (Liquid Crystal Module) for displaying data/status. This includes buttons for inputting data or for selecting the mode, and allows easy set up of the server, such as IP addresses, net mask, and gateway. Furthermore, it can also monitor server status and data transmission. This eliminates the need to prepare additional PCs during installation.

In addition to allowing serial devices to be networked, any PC Server or Workstation host without network access can be set up to allow access to remote serial devices by adding LES240xAE

Com-Server to its existing serial port. In other words, a pair of 1-port LES2401AE NPort Server Lites can be configured over the Ethernet and serve as a transparent serial channel without platform and distance limitations.

#### The Complete Package

- Windows NT, Windows 95/98/2000 drivers and manual
- PComm Lite CD (professional serial comm developing tool)
- 10/100 Mbps cross-over Ethernet Cable
- Power Adapter

## Specifications

### Hardware

**Processor** — 80186  
**I/O controller** —  
LES2401AE: 16C550C x 1  
LES2402AE: 16C550C x 2  
LES2404AE: 16C550C x 4  
**Memory** — 512 KB  
**Connector type** — DB9

### Interface

**LAN interface** — Auto-detecting  
10/100BaseT  
**Serial interface** — RS-232  
(RS-422/485 on request)  
**No. of ports** — 1/2/4 ports

### Performance

**Speed** — 50 bps - 230.4 Kbps  
**Max. No. of ports** —  
256 (per Windows NT)  
128 (per Windows 95/98)

### OS supported

**LES240xAE** — Windows 2000,  
Windows NT, Windows 95/98/ME, Unix

Ware SVR4.2, Unix Ware 7 SVR5, SCO  
Open Server, SCO UNIX, Linux  
2.2x/2.0.x (Intelx86) (running TCP/IP)

### Power and Environment

**Power requirements** — 9 - 30 VDC  
**Operating Temperature** — 0 - 55°C  
**Dimensions** — 33x155x105mm  
(HxWxD)

## Black Box Network Services - The world's largest network services company

We are, with 25 years of experience, the world leader in network infrastructure services.

**On the Phone** — no charge, answer calls in less than 20 seconds, find the right product with our technical experts.

**On-site** — superior design and engineering, Certified installations, end-to-end service.

**On-line** — receive technical knowledge on-line, including technology overviews, BLACK BOX Explains and the Knowledge Box.

**Most comprehensive TECHNICAL SUPPORT** — our best Product! Free hotline TECH SUPPORT!

**The world's best customer service** — Custom design services and products, the best warranties, money-saving discount programs.

**BLACK BOX exclusives** — Certification Plus. Guaranteed-for-life products and services.

## Ordering information

ITEM	CODE
Com-Server, 1-Port, RS 232 .....	LES2401AE
Com-Server, 2-Port, RS 232 .....	LES2402AE
Com-Server, 4-Port, RS 232 .....	LES2404AE