

T-49-17-34

R-60-61-03

## Cx486DRu<sup>2</sup> Microprocessor Upgrade

### PRODUCT HIGHLIGHTS

- Based on Cyrix's Cx486DLC™ microprocessor
- Easy installation; takes less than 15 minutes
- 486 instruction-set compatible
- Clock Doubling Technology
- Direct replacement of 386DX microprocessor
- Novell certified as NetWare compatible
- No additional system modifications necessary\*
- Patented cache coherency technology with on-chip 1K cache
- Compatible with IBM and Compaq 386DX socket standards
- Compatible with DOS, Windows, OS/2, and Unix operating systems
- Microsoft certified as Windows compatible

\*Based on system manufacturer's approved configurations. Some BIOS may need updating.

### PRODUCT DESCRIPTION

The Cyrix Cx486DRu<sup>2</sup> Microprocessor Upgrade is a direct microprocessor replacement for 16 and 20 MHz 386DX personal computers. The upgrade module utilizes Cyrix's own Cx486DLC microprocessor combined with clock doubling support and patented cache coherency technology. The upgrade can be installed in less than 15 minutes and comes with a self-installing software utility to configure the 486 on-chip cache. Hardware compatible with IBM and Compaq socket standards. Runs under DOS, Windows, OS/2 and UNIX operating environments and has been certified by Novell as NetWare compatible.

### PERFORMANCE

The Cx486DRu<sup>2</sup> upgrade doubles the internal microprocessor speed and delivers other performance enhancement features: on-chip instruction/data cache, single cycle instruction execution and a hardware integer multiplier. These features can boost application performance up to 70% without any other modifications to the system. This higher performance is especially beneficial with graphical user interface based software and other processor intensive applications.

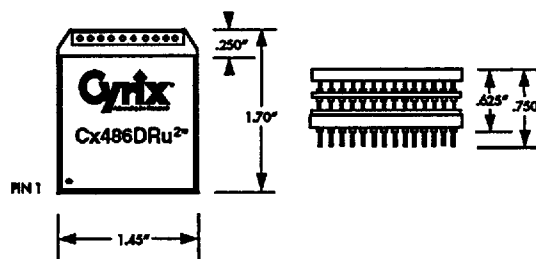
### PACKAGE CONTENTS

The upgrade package consists of one Cx486DLC microprocessor fitted in a processor module, a pair of 386 microprocessor removal tools, installation manual and cache configuration utility software (both 3.5" and 5.25" media). The Cx486DRu<sup>2</sup> processor upgrade uses the CPU clock signal of the computer and does not need a crystal oscillator of its own.

### PC REQUIREMENTS

The computer's microprocessor must be a 386DX operating at 16 MHz or 20 MHz. The computer's microprocessor must be mounted in a 132-pin PGA socket (not intended for PQFP devices). Clearance above the microprocessor socket (without microprocessor installed) must be at least .75 of an inch to physically accommodate upgrade module (see physical dimensions).

### PHYSICAL DIMENSIONS



### ORDERING INFORMATION

| Part Number | Model                             | System Type  |
|-------------|-----------------------------------|--------------|
| 18241-02    | Cx486DRu <sup>2</sup> -16/32(SMD) | 386DX-16 MHz |
| 18251-02    | Cx486DRu <sup>2</sup> -20/40(SMD) | 386DX-20 MHz |

#### Accessory Kits

|          |                             |     |
|----------|-----------------------------|-----|
| 90234-00 | OS/2 Accessory Kit          | All |
| 90234-01 | Dos/Windows Accessory Kit   | All |
| 90234-02 | UNIX System V Accessory Kit | All |
| 90234-03 | Novell Server Accessory Kit | All |

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