

# Running LAN2PC with Windows 3.1

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## Introduction

When you run LAN<sup>2</sup>PC with Microsoft Windows 3.1 in 386 enhanced mode, the conditions in this document apply:

## Prerequisites

### Requirements

There are no specific requirements for this document.

### Components Used

This document is not restricted to specific software and hardware versions.

## Symptom

IPX and NETX come up fine, but when you start Windows, your system immediately exits to the DOS prompt.

## Reason

Windows tries to use the portion of memory that LAN<sup>2</sup>PC uses. Windows does not allow LAN<sup>2</sup>PC to use high memory (640–1024K).

## Solution

Prevent Windows from scanning or using the portion of memory that LAN<sup>2</sup>PC uses. Use any ASCII text editor and open the SYSTEM.INI file. Then complete these steps:

1. Find the [386enh] section of the file.
2. Add the EMMExclude setting to specify a range of memory addresses. For example, to tell Windows not to scan the addresses between D000–DFFF, you would insert this line:

```
EMMExclude=D000-DFFF
```

3. Save your changes, exit, and restart Windows.

## Symptom

IPX and NETX come up fine, but when you start Windows or Windows applications, LAN<sup>2</sup>PC hangs, or the line goes out of service.

## Reason

You must use the IPX.OBJ file provided by Windows in order to run any Novell network interface. For details, refer to the Windows network read-me file, NETWORKS.WRI.

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## Related Information

- **Technical Support & Documentation – Cisco Systems**
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