

**Table 1-1 Summary Workstation Configuration**

<b>Recommended</b>	<b>Supported</b>
Microsoft® Windows 2000 or Windows XP Professional	Microsoft® Windows 98, Windows NT 4.0 (or higher), Windows 2000 or Windows XP Professional
Pentium processor: 266 MHz or higher	Pentium processor: 166MHz or higher
RAM: 256MB or higher	RAM: 128MB or higher
500MB of hard disk space for full suite of products	500MB of hard disk space for full suite of products
SVGA color monitor	SVGA color monitor
10/100Mbps network card for network installations	10Mbps network card for network installations
Uninterruptible Power Supply (UPS)	

**Table 1-2 Summary Server Configuration**

<b>Recommended</b>	<b>Supported</b>
Microsoft® Windows NT 4.0 or Windows 2000	Microsoft® Windows NT 4.0 or Windows 2000
Pentium processor: 500 MHz or higher	Pentium processor: 166MHz or higher
RAM: 500MB or higher	RAM: 128MB or higher
10GB of hard disk space or higher	4 GB of hard disk space or higher
SVGA color monitor	SVGA color monitor
10/100Mbps network card for network installations	10Mbps network card for network installations
CD-ROM drive plus 3.5" disk drive	CD-ROM drive plus 3.5" disk drive
Streaming tape or other backup	
Uninterruptible Power Supply (UPS)	

**Protocol Support**

The Oracle Net foundation layer uses Oracle protocol support to communicate with the following industry-standard network protocols:

- TCP/IP
- TCP/IP with SSL
- Name Pipes

## Processors Requirements

Table 1-3 lists the processor requirements for each installation type.

**Table 1-3 Processor Requirements**

Installation Type	Processor Requirement
Enterprise Edition, Standard Edition, Personal Edition, Administrator and Runtime	<ul style="list-style-type: none"> <li>▪ Minimal Processor: Pentium 166 or Pentium 200</li> <li>▪ Recommended Processor: Pentium 266</li> </ul>
Oracle Management Server	<ul style="list-style-type: none"> <li>▪ Minimal Processor: Pentium 266</li> <li>▪ Recommended Processor: Pentium 300</li> </ul>
Oracle Internet Directory	<ul style="list-style-type: none"> <li>▪ Minimal Processor: Pentium 166</li> <li>▪ Recommended Processor: Pentium 300</li> </ul>

## Hardware Requirements

Oracle9i Database and Oracle9i Management and Integration to-level components require the following hardware components:

- RAM: 128 MB (256 MB recommended)
- Virtual Memory: Initial Size 200 MB, Maximum Size 400 MB
- Video Adapter: 256 color

Oracle9i Client top-level component requires 128 MB of RAM, 256 MB of RAM is recommended.

## Space Requirements

The requirements for custom depend upon the components selected for installation. FAT space requirements are listed in Table 1-1 and NTFS space requirements are listed in Table 1-2

**Table 1-4 Hard Disk Space Requirements for FAT**

Installation Type	System Drive	Oracle Home Drive
Enterprise Edition	140 MB	4.75 GB
Standard Edition	140 MB	4.5 GB
Personal Edition	140 MB	4.75 GB
Administrator	90 MB	1.5 GB
Runtime	50 MB	400 MB
Oracle Management Server	100 MB	1.5 GB
Oracle Internet Directory	50 MB	4 GB

**Table 3-3 Hard Disk Space Requirements for NTFS**

Installation Type	System Drive	Oracle Home Drive
Enterprise Edition	140 MB	2.85 GB
Standard Edition	140 MB	2.8 GB
Personal Edition	140 MB	2.75 GB
Administrator	90 MB	790 MB
Runtime	50 MB	150 MB
Oracle Management Server	100 MB	945 MB
Oracle Internet Directory	50 MB	2.3 GB (includes database)

### **Printers**

- HR-Sense supports all HP 3 or higher compatible laser printers.

### **Compatible Networks**

- Microsoft Windows NT Server 4.0 or higher
- Microsoft Windows Terminal Server

### **Notes on Server and Workstation Configurations for HR-Sense**

The above configuration recommendations should be used as guidelines. Actual memory and hard drive requirements may vary based upon number of simultaneously running applications, simultaneous network users and amount of data being processed. Using operating system utilities, you should periodically monitor and optimize HR-Sense workstation, server and network resource utilization.

- **Memory:**

The amount of available memory on the workstation directly affects HR-Sense performance. Memory is utilized by the operating system and by the actively running application programs and associated data. As memory is used, the processor must swap applications and data to and from the hard drive more often, and this slows down performance. The above memory recommendations assume HR-Sense is the only application running, and will yield good HR-Sense performance. If you run other programs simultaneously with HR-Sense (such as word processing, spreadsheet or Internet browser), or your HR-Sense database includes a large number of history records, you should consider increasing memory to 500MB or higher.

- **Hard-Drive:**

HR-Sense requires a minimum of 500MB of free disk space for the entire suite. The actual disk space varies based on the products and options you are installing. Due to file expansion requirements, we recommend additional space be available for growth and backup. Each employee you enter into the system requires at least 'estimated' 2.15 KB of disk space per employee. Thus, a system running HR-Sense, HR, Payroll and Attendance Tracking with 1000 employees requires at least 2.15 MB of free disk space for employee data.

**Note:** If you choose to store employee photos on the Demographics page, you will need additional disk space. The space required depends on the size of the photo files.

- **Network:**

Local Area Network (LAN) speed directly affects HR-Sense Suite performance. HR-Sense is a client/server architecture. This means that the database is stored on the server, but all processing is performed on the individual user workstations. Data is transmitted to the workstation, processed and then transmitted back to the server. Best performance will be achieved on 100Mbps or higher LAN networks.

To speak with a Sense Software Intl., Corp. Representative, call 787.282.8047, or [send an email](#)