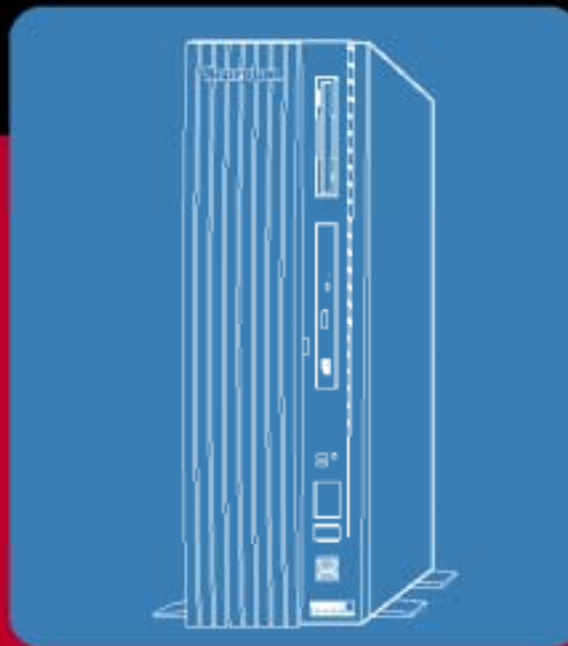




U s e r G u i d e

SCORPION

P4020



FCC NOTICE

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.
OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED,
INCLUDING INTERFERENCE THAT MAY CAUSE UNDERSIRED
OPERATION.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures :

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a oircuit difference from that to which the receiver is connected.
- Consult the dealer of an experienced radio/TV technician for help.

NOTE : This unit was tested with shielded cables on the peripheral devices. Shielded cables must be used with the unit to insure compliance.

NOTE : The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Installation Information

Step by step setup

1. Take off packaging after moving to the preferred installation location.
Refer to chapters "Setup Environment" and "Remove Packaging"
2. Check all parts
Check the location of the system configuration switch, LED, FDD, and CD-ROM.
3. Connect cables
Connect cables for keyboard, mouse, monitor, network, external memory systems, and power supply
4. Install optional hardware (extension boards, additional memory, hard disks, and external memory systems)

Setup Environment

■ Installation Location

Must conform to these specifications:

- There must be at least 25 inches of room in the front for system use and administration
- There must be at least 30 inches of room in the back for air circulation

■ Power



Warning: To reduce risk of damage you must not give an excessive electrical load to the alternating current distribution circuit. Please consult a electrician for information on wiring and installation.

The balance between the alternating current distribution circuits must match. The alternating electrical load of the complete system must not exceed 80% of the rated current.

When using a power strip the electrical load must not exceed 80% of the power distributor's rated current.

For the rated power of an optional device please check the label or manual that comes with the device.

■ Grounding

All power distribution devices, power distributors, and connections must be used with a grounding device



Warning: To reduce risk of electrical shock or damage you must do the following

- DO NOT rid of the grounding plug. The grounding plug is for safety purposes.
 - Always plug the cord in a socket that is easy to access.
 - Unplug the system when not in use.
-

When using a power distributor check to see if all connections are grounded. Plug into sockets that are grounded.

■ Ventilation

For continued consistent performance ventilation and temperature must be matched to specification. The suggested operational temperature for most products are AT MOST 5C



Caution: To reduce risk of damage from installing devices from other vendors do the following

- Make sure the device does not interfere with SCORPION PAX10's air circulation
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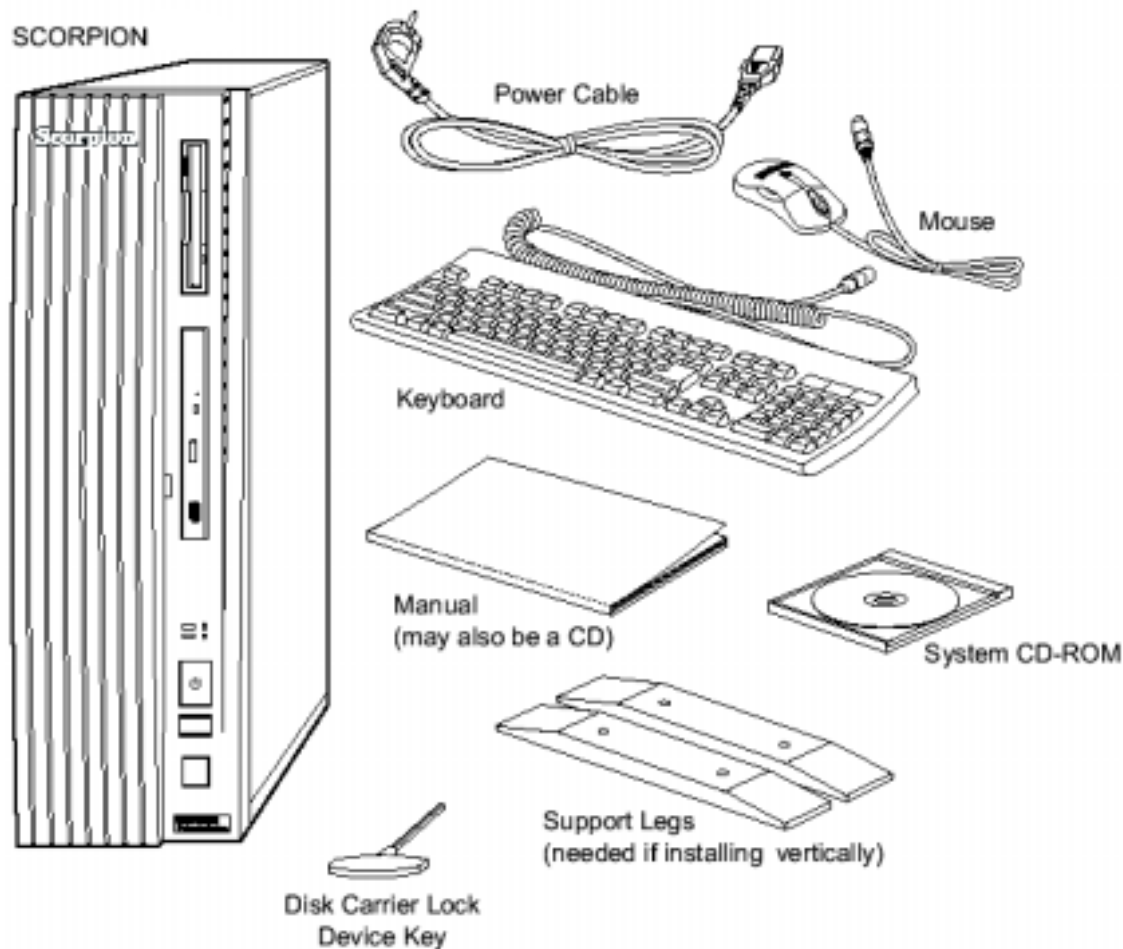
Remove Packaging

To install the product first remove packaging.

After removing packaging check to see if all parts were packaged.

SCORPION . comes packaged with the following parts.

If any parts are missing contact and receive the parts at your place of purchase.

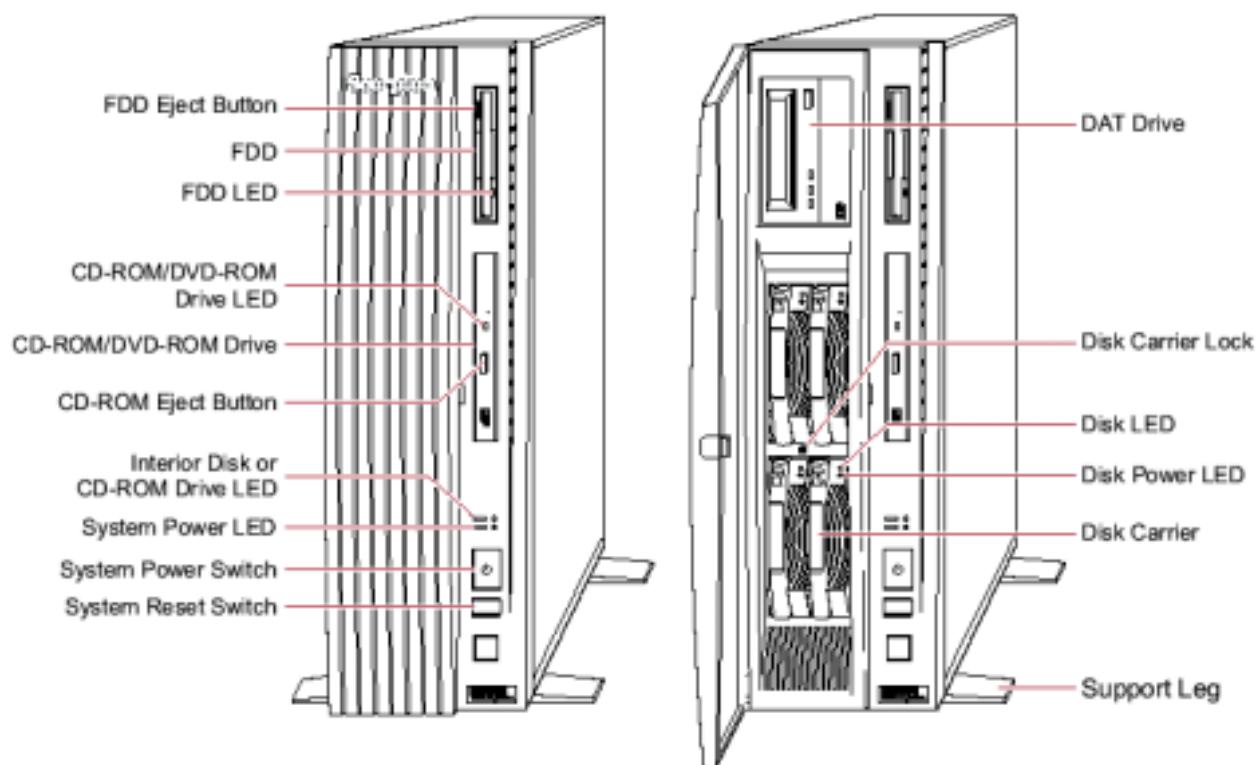


* In some instances the manual may be distributed as a CD-ROM

Product Diagram

The outer appearance of the SCORPION is as appears below. Because of slight differences in models your product may differ slightly from the image shown.

The SCORPION may be used in an upright or prone position.



System Power Switch

Pressing this button turns on the computer. To turn off the computer you must use the power-off command in OK mode.



Caution: Before turning off the computer you must completely shut down the Operating System (OS). Failure to do so may result in system malfunction.



Caution: Pressing the System Power Switch will not turn off the computer. To turn off the computer you must use the power-off command in OK mode.

System Reset Switch

Press this button to reset the system. Resetting the system will cause the system to r

System Power LED

The System Power LED will be on when the system is on. The System Power LED v when the system is turned off.

Internal Disk, CD-ROM Drive LED

The LED will be on when reading data from the internal HDD or CD-ROM Drive.

Disk Carrier

The Disk Carrier connects a HDD with external access.

You can replace a HDD connected to the Disk Carrier without removing the case cc

There are the following 4 Disk Carriers:

Primary Master, Primary Slave, Secondary Master, Secondary Slave

Disk Carrier Lock

Setting the Disk Carrier Lock on "lock" prevent removal of the Disk.

To remove the disk you must use the key and set the Lock on "unlocked"

Disk Power LED

Connecting a HDD to the Disk Carrier will turn the LED on.

You can confirm that the HDD is properly connected.

Disk LED

The LED will be on when reading data from a HDD connected to the Disk Carrier.

FDD

Floppy Disk Drive.

You may use 3.55 inch 1.44MB diskettes.

FDD Eject Button

Use this button to retrieve floppy disk.

FDD LED

The LED will be on when reading or writing data on a floppy disk.

CD-ROM Drive

Device for using CDs.

CD-ROM Eject button

Press to retrieve CD from CD-ROM Drive.

CD-ROM Drive LED

The LED will be on when reading or writing data on CD.

Backup Device Installation Bay

You can install the DAT Drive, which is a backup device, here.

To use the DAT Drive you must purchase the SCSI Controller separately.

Support Leg

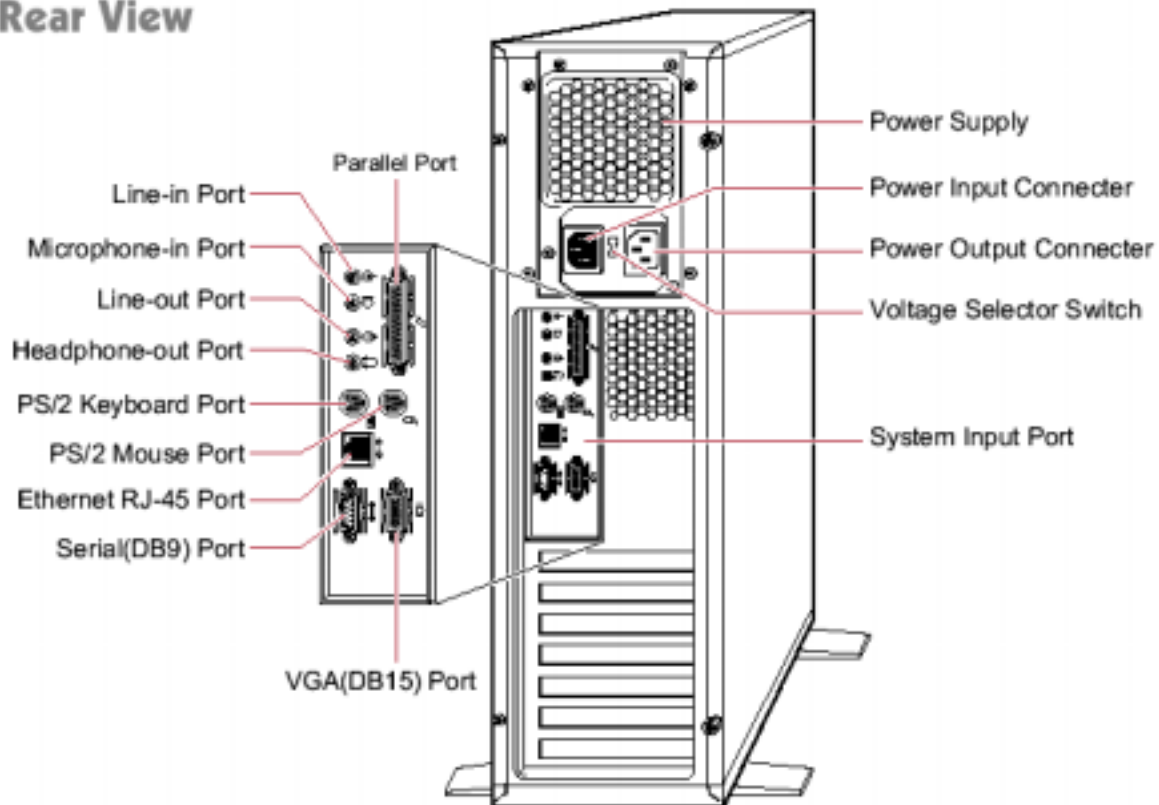
To use the system in an upright position you must use the Support Legs.

Instructions for the installation and removal of the Support Legs are in Chapter 2 “Installing and Removing System Legs.”



Caution: When using in prone position you must first remove the Support Legs.

■ Rear View



Power Supply

Provides power for the system.

Power Cable Connector

Connects Power Cable.

Voltage Selector Switch

Select External Voltage.

This product can use a 110Volt or 220Volt power source.



Caution: • Before using the system check the voltage and select the proper voltage on the Voltage Selector switch.

- Selecting the incorrect voltage on the Voltage Selector Switch can cause serious harm to the system.
- Most places in this country use a 220Volt power source so it is safe to set the Switch on 220Volt.
- The Switch is set on 220Volt when leaving the production line.

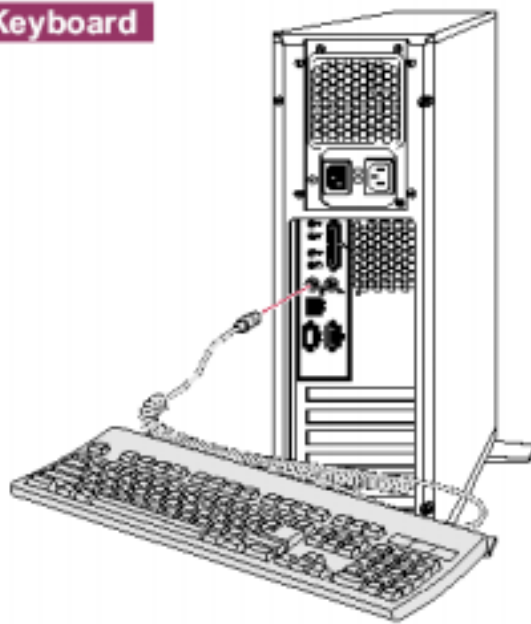
System Input/Output Ports

The system input/output ports are used to connect peripherals that pertain to input and output; keyboard, mouse, printers, etc.

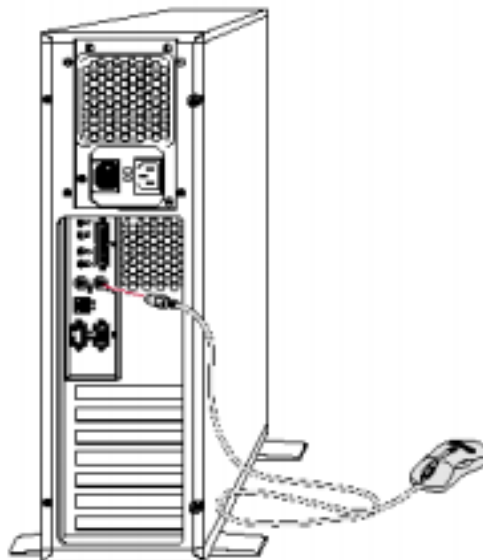
Connecting various cables and peripherals

To use the system you must accurately connect various cables and peripherals. The correct sequence is as shown below.

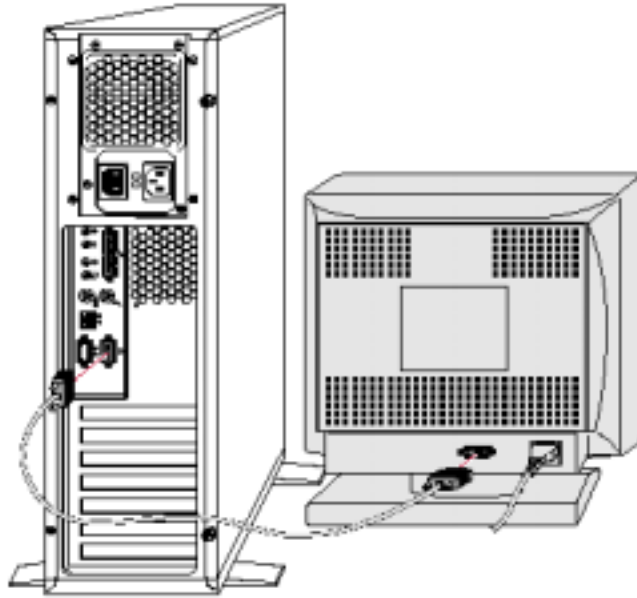
Connect Your Keyboard



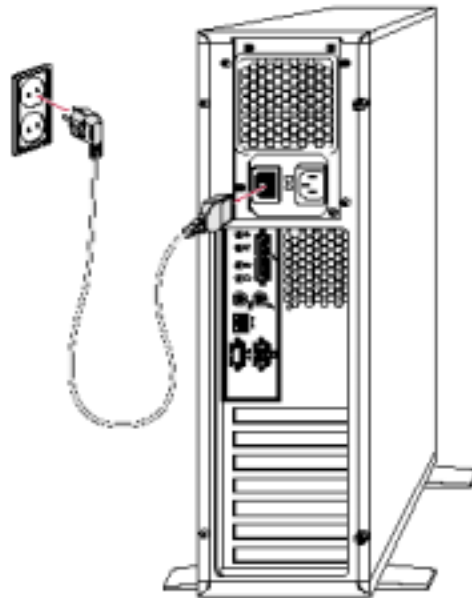
Connect Your Mouse



Connect Your Monitor



Connect Your Power Cable



■ Turning On and Turning Off Your System

Turning Your System On

When turning on your system you must follow the following order. Write down all error messages that may occur.

- First switch on your monitor, and press the system power switch located at the front.
- When power has turned on the power LED will light up.
- The hard disk drive LED must blink.
- If your LED lights do not light up correctly turn off power and check the LED cables.

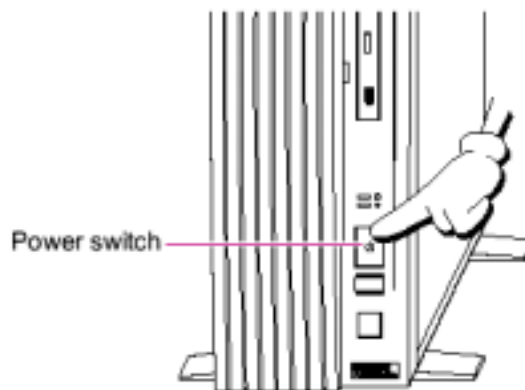


Warning: • Before turning the system on please check to see if the voltage selector switch is in the correct position.

- Extreme damage may occur to the system if the voltage selector switch is set erroneously.



Caution: For the system to operate correctly various cables and peripherals must be connected accurately. Please check to see if they are accurately connected before turning on power of the system.



Turning Your System Off



Caution: • Before turning off the power of your system make sure you have properly shut down your Operating System. Turning system power off without properly shutting down your OS could cause malfunction.

- For instructions to properly shut down your OS check the instruction manual for your current OS.

This system does not shut down from the power switch. You must turn it off using the power-off command during OK mode.

When shutting down, first turn your system off, then your monitor.