PATTON Electronics Co.

NanoServ™
Thin System/Ultra-Thin System

Setup Guide

1.0 What's included with the NanoServ™

The following items are included with the NanoServ™:

1. NanoServ™
2. AC Power Adaptor
3. CD-ROM with User's Manual
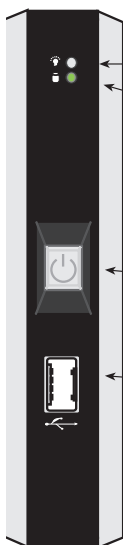4. This Setup Guide

Note Refer to the User Manual on the CD-ROM for complete information on installation.

2.0 Steps for setting up the NanoServ™

Note This is a fanless system, so it must be properly mounted to allow for proper cooling. Be sure to use the metal stand to hold the system upright with the blue LED on top, or mount the system at least 1 or 2 inches away from the flat side surfaces of the system. This will help keep the NanoServ™ cool and within operating limits.

1. Verify that the power supply switch is off (located on the back of the NanoServ™).
2. Plug the monitor into the VGA port.
3. Plug the keyboard into the PS/2 keyboard port.
4. Plug the mouse into the PS/2 mouse port.
5. Plug the printer into the DB-25 printer port (only available on the Thin NanoServ™ system).
6. Connect the power adaptor to the mains power.
7. Turn on the power supply switch located on the back of the NanoServ™.

Document Number: 09407U7-001, Rev. A
Part Number: 07M6070-QS
Revised: **August 2, 2006**

Sales Office: +1 (301) 975-1000
Technical Support: +1 (301) 975-1007
E-mail: support@patton.com
WWW: www.patton.com

3.0 NanoServ™ Ultra-Thin System

Front panel

<u>Power LED</u>
The power LED lights up when the system is turned on.

<u>HDD LED</u>
The HDD LED flashes when the system is working. Please do not turn off the system when HDD starts running.
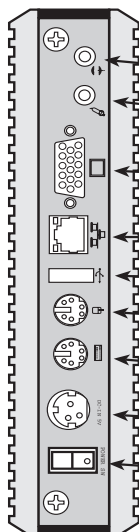
<u>Power Switch</u>
Depress the switch to turn on and turn off the system.

<u>USB Port</u>
The USB port is for a connection to external devices with a USB interface (keyboard, mouse, HDD, CD-ROM, Memory Stick, ect.)

Figure 1. Ultra-Thin System - Front panel

Back panel

Audio Line-Out

Mic-In

VGA Port

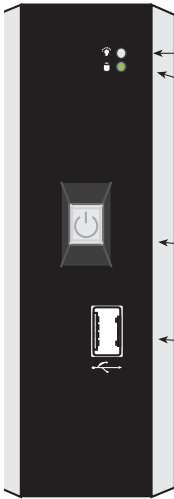RJ-45 10/100 Ethernet Jack

USB Port

PS/2 Mouse (6-pin)

PS/2 Keyboard & Mouse (6-pin)

DC Power Jack (3-pin)

Power supply switch

Figure 2. Ultra-Thin System - Back panel

4.0 NanoServ™ Thin System

Front panel

Power LED
The power LED lights up when the system is turned on.

HDD LED
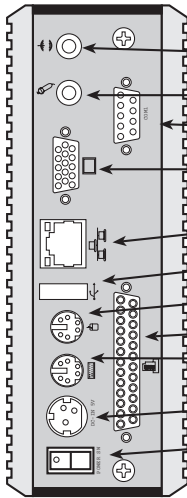The HDD LED flashes when the system is working. Please do not turn off the system when HDD starts running.

Power Switch
Depress the switch to turn on and turn off the system.

USB Port
The USB port is for a connection to external devices with a USB interface (keyboard, mouse, HDD, CD-ROM, Memory Stick, ect.)

Figure 3. Thin System - Front panel

Back panel

Audio Line-Out

Mic-In

Serial Port **

VGA Port

RJ-45 10/100 Ethernet Jack

USB Port

PS/2 Mouse (6-pin)

Parallel Port **

PS/2 Keyboard & Mouse (6-pin)

DC Power Jack (3-pin)

Power supply switch

** This feature is only available for Model 6075.

Figure 4. Thin System - Back panel

5.0 Additional Information

Refer to the **NanoServ™ User Manual** located on the CD-ROM shipped with your NanoServ™ system and available online at <**www.patton.com/manuals**> for detailed information about:

- Installing, configuring, operating, and troubleshooting.

- Warranty, trademark & compliance

> **Note** Specifications are subject to change without notice.

Refer to the **Fedora Core Linux** website at <**http://fedora.redhat.com**> for information about Fedora Core 5 including installation guides and tutorials.

A.0 Compliance & Safety Information

A.1 Compliance

EMC Compliance:

- FCC Part 15, Class A

- EN55022, Class A

- EN55024

Safety Compliance:

- IEC/EN 60950-1

A.2 Radio and TV interference (FCC Part 15)

This equipment generates and uses radio frequency energy, and if not installed and used properly—that is, in strict accordance with the manufacturer's instructions—may cause interference to radio and television reception. This equipment has been tested and found to comply with the limits for a Class A computing device in accordance with the specifications in Subpart B of Part 15 of FCC rules, which are designed to provide reasonable protection from such interference in a commercial installation. However, there is no guarantee that interference will not occur in a particular installation. If the equipment causes interference to radio or television reception, which can be determined by disconnecting the cables, try to correct the interference by one or more of the following measures: moving the computing equipment away from the receiver, re-orienting the receiving antenna, and/or plugging the receiving equipment into a different AC outlet (such that the computing equipment and receiver are on different branches).

A.3 CE Declaration of Conformity

We certify that the apparatus identified in this document conforms to the requirements of Council Directive 1999/5/EC on the approximation of the laws of the member states relating to Radio and Telecommunication Terminal Equipment and the mutual recognition of their conformity.

CE

The safety advice in the documentation accompanying the products shall be obeyed.
The conformity to the above directive is indicated by the CE sign on the device.

A.4 Safety Information

WARNING

- **This device contains no user serviceable parts. The equipment shall be returned to Patton Electronics for repairs, or repaired by qualified service personnel.**

- **The external power adapter shall be a listed Limited Power Source. Ensure that the power cable used meets all applicable standards for the country in which it is to be installed, and that it is connected to a wall outlet which has earth ground. The mains outlet that is utilized to power the devise shall be within 10 feet (3 meters) of the device, shall be easily accessible, and protected by a circuit breaker.**

- **Hazardous network voltages are present in WAN ports regardless of whether power to the unit is ON or OFF. To avoid electric shock, use caution when near WAN ports. When detaching the cables, detach the end away from the device first.**

- **Do not work on the system or connect or disconnect cables during periods of lightning activity.**

In accordance with the requirements of council directive 2002/96/EC on Waste of Electrical and Electronic Equipment (WEEE), ensure that at end-of-life you separate this product from other waste and scrap and deliver to the WEEE collection system in your country for recycling.

CAUTION

The Interconnecting cables shall be acceptable for external use and shall be rated for the proper application with respect to voltage, current, anticipated temperature, flammability, and mechanical serviceability

WARNING

- **To prevent shock or fire hazard, do not expose your NanoServ™ to rain or moisture.**

- **Never install your NanoServ™ in wet locations.**

- **To avoid electrical shock, do not open the case. Contact the factory offices for qualified personnel servicing.**

- **Never touch un-insulated terminals or wire unless your power adaptor and display monitor are disconnected.**

- **When using the system, avoid using or installing the modem to the serial port during a storm or lightning.**

- **Do not use the modem or a telephone to report a gas leak in the vicinity of the leak.**

- **USB cables are not supplied.**