

SKA4/SPKA4 Important Information

Service Partition

The service partition is a special hard disk partition. It is established when you initially set up the server system and contains utilities, diagnostics, and other software required for remote management. The service partition is not marked as an active partition and the server will only boot from it by a special request. It is not normally visible to the server user because it has a special non-standard partition type that does not appear as an accessible file system to the end user operating system. However, low level disk utilities can see the partition entry as an unknown type, and recognize its space.

The utilities and diagnostics on the service partition can be run locally or remotely. In order to run the utilities and diagnostics the server must boot from the service partition. Remote execution is available from the Direct Platform Control (DPC) Console Manager and System Setup Utility (SSU) Client.

For complete installation instructions, see the *Installation Guide for the Intel® Server Control* (747116-00x). **We recommend you install the service partition before installing an OS.**

Brief Instructions to Install the Service Partition

1. Boot to the Software Kit CD.
2. When the Server Board CD-ROM menu appears, use the arrow keys to select the Utilities menu and press Enter.
3. Select Run Service Partition Administrator and press Enter.
4. Choose item 3 - Create service partition (first time).
5. Follow the instructions on your screen to select the hard drive for service partition installation.
6. Reboot to the Software Kit CD.
7. When the Server Board CD-ROM menu appears, use the arrow keys to select the Utilities menu and press Enter.
8. Select Run Service Partition Administrator and press Enter.
9. Choose item 4 - Format service partition and install software.
10. Follow the instructions on the screen to format the service partition and install the partition software.

Memory Requirements

All four sockets of a DIMM bank must be populated for the server to boot. Refer to the *SKA4 Baseboard Product Guide* for more information.

Voltage Regulation Modules

The board contains voltage regulation circuitry for the primary processor. If you install additional processors, you must install a Voltage Regulation Module (VRM) for each additional processor. Refer to the *SKA4 Baseboard Product Guide* for more information.

Power Cord

There is a notch in the handle of the power supply to relieve stress on the power cord. Refer to the *SPKA4 MP Server System Product Guide* for more information.

POST Information

If you press the <Esc> key at any time during the POST, a menu will appear after the POST completes. From this menu you can specify which device to boot from or you can enter Setup.

Using the CD

Accessing Manuals

To read the manuals on the CD, you must insert the CD into a system that is running Windows[†].

1. If the CD does not automatically start, run the menu.exe program.
2. Click on “Featured Products” in the sidebar.
3. Select a product from the “select a product” pull down menu
4. Use the “view additional documentation” or “print additional documentation” menus to access the product guides.

Booting from the CD

There are two ways to boot from the CD. The first is to press <Esc> during the POST and select it from the menu. The second is to enter Setup and change the boot priorities. Refer to the *SKA4 Baseboard Product Guide* for more information.

Getting Help on the Web

The following site has information and downloads for your system:

<http://support.intel.com>

The following sites have information and downloads for your system, but are password protected. Please contact your service representative to gain access to these sites.

<http://channel.intel.com>

<http://www.intel.com/go/serverbuilder>

<http://www.intel.com/ibl>

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