

7248-100/120/132 Microcode (RS/6000 7248 43P)

IBM RS/6000 7248-100/120/132 microcode description

This microcode update is version 1.11 for all models of the RS/6000 7248. Note that this microcode cannot be used on any other machine type, even other 43P systems such as the 7043 Models 140 and 240. Year 2000 Support

Year 2000 Support

Systems with installed microcode at a version level prior to release 1.07 must be updated to be Year 2000 ready*.

You will want to update your microcode to version 1.11 if your currently installed level of microcode is prior to release 1.07. If your installed microcode level is version 1.07 or later, update is not required to make your system Year 2000 ready.* However, version 1.11 provides functional enhancements that most customers will desire. See the next section.

* Please consult the IBM Year 2000 web page at <http://www.ibm.com/IBM/year2000> for IBM's definition of "Year 2000 ready" and the latest information of the status of IBM products and the Year 2000.

Enhanced Function

The enhancement in this release is:

1. Improved Reboot -- Some customers have experienced intermittent systems hangs during a soft reboot (the system is rebooted without turning off the power). Running the AIX command "shutdown -Fr" is one example of a soft reboot.

You will want to update your microcode if you have experienced the problem above, or would like to prevent this problem from occurring on your system.

If the version of your current microcode is greater than or equal to 1.11, there is no need to upgrade your microcode.

How To Determine Your Microcode Version

To check your microcode version:

1. Insert your System Management Services (SMS) diskette into the diskette drive.

2. Turn on or shutdown and restart the system.
3. When the first screen is displayed, press the F4 key to use the System Management Services.
Note: you must press the F4 key after the keyboard icon has appeared at the bottom of the screen, but before the last icon appears at the bottom right of the screen.
4. Read the version number from the header that appears at the top of the main SMS menu. It should look similar to the following:

Version 1.xx, built on mm/dd/yy

at hh:mm:ss

(Note: 1.xx is your microcode version

where xx is a 2-digit number.)

Note: if your microcode version is not in the form 1.xx, you should update it to the version available [here](#).

How To Upgrade Your System Microcode

To update your system microcode, follow the "RS/6000 microcode download procedure" to download and unpack a file archive. Each archive contains a detailed README file with step-by-step instructions on how to update the system microcode.

1. Select the format for the system where you want to unpack the microcode, either:
2. [AIX format] for AIX systems, or
3. [DOS format] for Windows NT or DOS, or
4. [RPM format] for Linux or AIX (at level 5.1 or higher)
5. After downloading the microcode you will need to transfer the file to your system. Then follow the [Description] file to unpack and install the microcode.
6. In addition, **for some microcode you will be required to enter the following eleven-character, case-sensitive password to unpack the file: `**RS/6000**`**. Note: The **'s are part of the eleven characters.