



Late-Breaking News

Read this information before configuring the Intel® Carrier Grade Server TIGW1U or the Intel® IP Network Server NSW1U. Also check the support website at <http://www.intel.com/support/telecom/computeboards/tigw1u/> (TIGW1U) or <http://www.intel.com/support/telecom/computeboards/nsw1u/> (NSW1U) for further late-breaking news, general information, and BIOS files.

Additional Processors Supported

The following server system product codes support the Dual-Core Intel® Xeon® processor 5100 series and the Quad-Core Intel® Xeon® processor 5400 series. These product codes have an “R” in the third position.

- NSRA0201W: Intel® IP Network Server NSW1U, rear NIC port, AC
- NSRD0201W: Intel® IP Network Server NSW1U, rear NIC port, DC
- NSRA0401W: Intel® IP Network Server NSW1U, bypass, AC
- TMRA0201W: Intel® Carrier Grade Server TIGW1U. AC
- TMRD0201W: Intel® Carrier Grade Server TIGW1U. DC

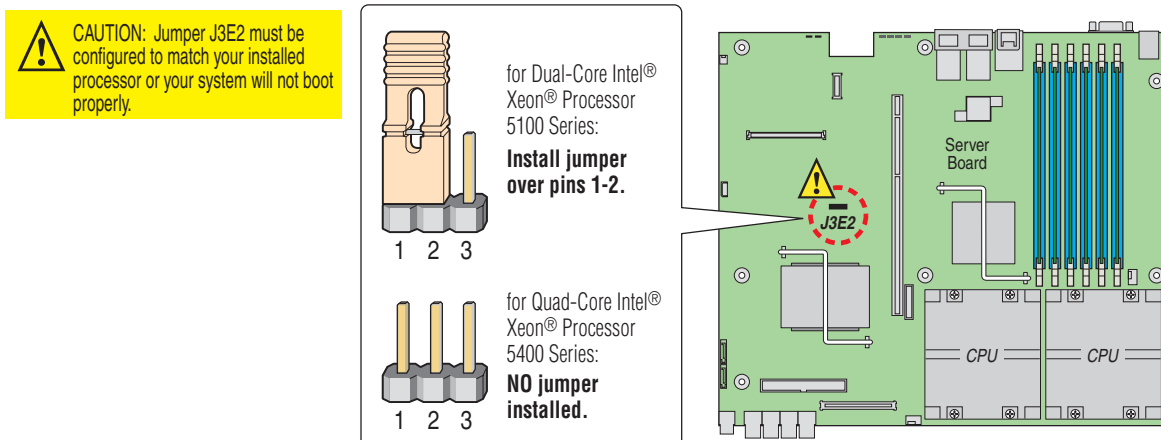
The following product codes support only the Dual-Core Intel Xeon processor 5100. These product codes have a “W” in the third position.

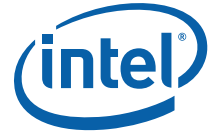
- NSWA0201W: Intel® IP Network Server NSW1U, rear NIC port, AC
- NSWD0201W: Intel® IP Network Server NSW1U, rear NIC port, DC
- NSWA0401W: Intel® IP Network Server NSW1U, bypass, AC
- TMWA0201W: Intel® Carrier Grade Server TIGW1U. AC
- TMWD0201W: Intel® Carrier Grade Server TIGW1U. DC

See the Configuration Guide for your server system to see which specific processors you can use.

Processor Jumper

The server ships pre-configured for the Dual-Core Intel® Xeon® processor 5100 series. To use a Quad-Core Intel® Xeon® processor 5400 series, you must remove the processor jumper from pins 1-2 on the processor jumper. This jumper is located at position J3E2 on the server board. See the following figure.





New BIOS Version

New versions of the BIOS for the S5000PHB system board have been developed since the Intel® Carrier Grade Server TIGW1U and the Intel® IP Network Server NSW1U were released to production. Regardless of the processor model you install, you must use BIOS version R0085 or later with any server that has one of the following product codes:

- NSRA0201W: Intel® IP Network Server NSW1U, rear NIC port, AC
- NSRD0201W: Intel® IP Network Server NSW1U, rear NIC port, DC
- NSRA0401W: Intel® IP Network Server NSW1U, bypass, AC
- TMRA0201W: Intel® Carrier Grade Server TIGW1U. AC
- TMRD0201W: Intel® Carrier Grade Server TIGW1U. DC

Caution: If your server has one of the above product codes, then configuring it with a BIOS version lower than R0085 will cause system instabilities and your system may not boot.

Information on the specific capabilities and issues resolved for each BIOS version is available on the Intel support website at <http://www.intel.com/support/telecom/computeboards/tigw1u/> (TIGW1U) or <http://www.intel.com/support/telecom/computeboards/NSW1U> (NSW1U)

New Rack-Mount Kit

Product codes NSRA0201W, NSRD0201W, NSRA0401W, TMRA0201W, and TMRD0201W support additional rack-mount kits. These chassis have additional mounting holes on the sides of the chassis to accommodate these kits. See the configuration guide for your server system for information on supported rack-mount kits.

Optical Drive Mounting Kit (NSW1U only)

Product codes NSRA0201W, NSRD0201W, and NSRA0401W include mounting hardware for optical (CD-ROM / DVD ROM) devices. The following mounting hardware is in the accessory kit in your product box:

- Interposer
- IDE cable
- Power cable
- Mounting screws
- Mounting bracket

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