Software Evaluation Guide for WinRAR 3.71*

“Archive high resolution photos”

http://www.intel.com/performance/resources

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About this Document

This document is a guide measuring performance of the Intel® Processors on application software. The primary audience for this document includes individuals, publications, OEMs and technical analysts whose goal is to test or evaluate the performance benefits and features of the Pentium Processor. If there are questions that are not answered here on software application performance evaluation of the Pentium Processor, please contact your Intel representative.

Each software application test measures different aspects of processor and/or system performance. While no single numerical measurement can completely describe the performance of a complex device like a microprocessor or a personal computer, application tests can be useful tools for comparing different components and systems. The following results and procedures give a glimpse of the performance of certain software applications, however your own usage of each application may vary from what is shown here. The only totally accurate way to measure the performance of your system, is to test the actual software applications you use, in the way you use them, on your computer system. Test results published by Intel are measured on specific systems or components using specific hardware and software configurations, and any differences between those configurations (including software) and your configuration may make those results inapplicable to your component or system.

Software application tests are, at most, only one kind of information that you may use during the purchasing process. To get a true picture of the performance of a component or system you are considering purchasing, you must consult other sources of information (such as performance information on the exact system you are considering purchasing). If you have any questions about the performance of any Intel microprocessor, please view the detailed performance briefs and reports published by Intel or call Intel at (US) 1-800-628-8686 or 916-356-3104.

Chapter 1
WinRAR 3.71*

1.0 Software Description

WinRAR is a powerful compression tool that allows you to create and manage archives in the .RAR format. WinRAR also supports the unpacking of other popular compression and archiving formats such as ZIP, TAR, and 7z.

For more information, please visit http://www.rarlabs.com/

1.1 Test Workload Description

The workload consists of five high-resolution, 48-bit TIFF images whose file sizes are around 70MB each which are then compressed into a single ~297MB file for archiving.

Chapter 2
Procedure for Evaluating Performance in WinRAR 3.71*

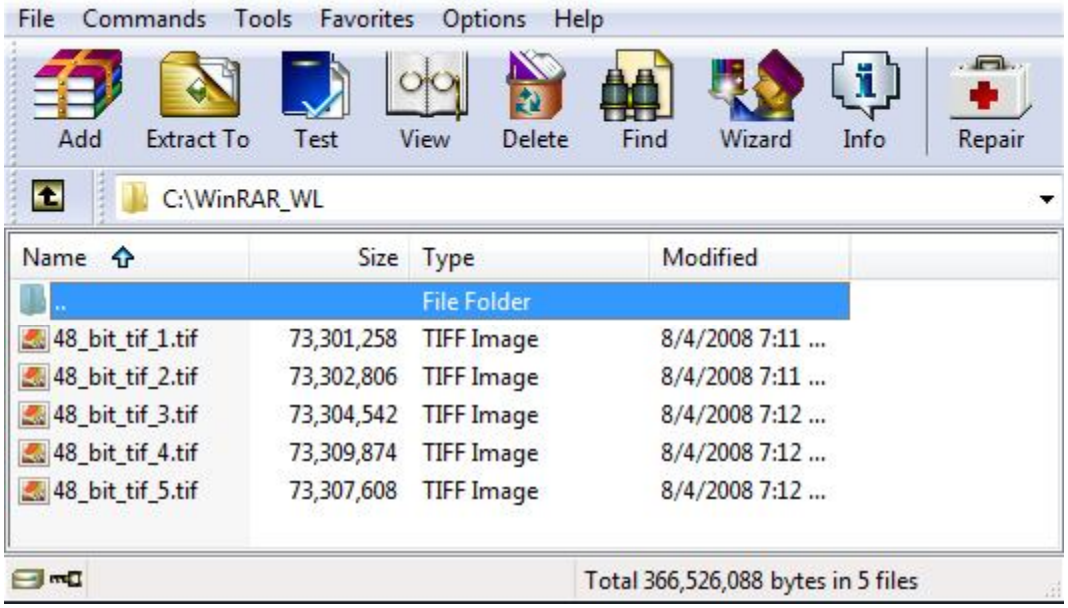
The following is a procedure for evaluating performance in WinRAR 3.71*.

1. Install WinRAR 3.71* with default options.

2. Create a local folder C:\WinRAR_WL and copy the workload files to it. Reboot the system.

3. Launch WinRAR 3.71* by clicking on the Start menu, then selecting All Programs->WinRAR->WinRAR.

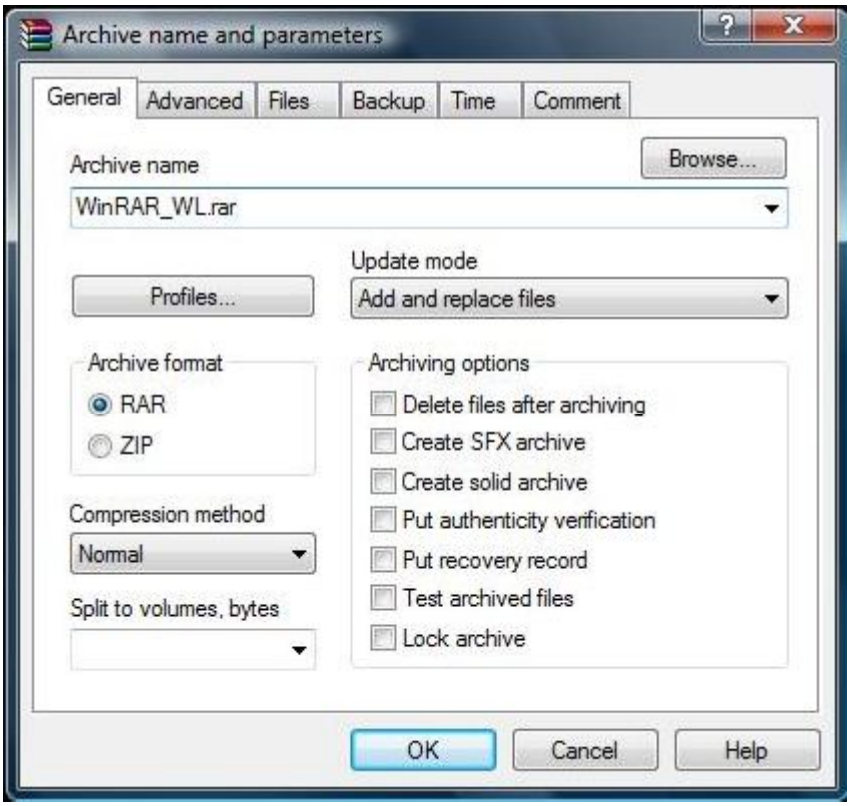
4. Open the drop-down list in the file navigation bar by pressing the arrow on the right side. Navigate to the workload folder C:\WinRAR_WL.



5. Press Ctrl+A or left-click and drag a box to select all the files.

6. Press the Add button.

7. Make sure the settings under the General tab is set so that the Archive Format is RAR, Compression Method is Normal, Update mode is Add and replace files, and nothing is checked under Archiving options.



8. Press OK and start your measurement.
9. Stop your measurement once WinRAR* is done creating the archive.
10. Delete the newly created archive and exit the program.
11. Repeat steps 3-10 four more times and take the median of the 5 measured run times.