

Advantech AE Technical Share Document

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| Date | 2015 / 4/ 08 | SR# | |
| Category | ■ FAQ □ SOP | Related OS | WES7 |
| Abstract | TPC-1250H-N2BE crash on last screen after 1 week with EWF opening | | |
| Keyword | TPC-1250H-N2BE crash , EWF | | |
| Related Product | TPC-1250H,TPC-1550H-N2BE | | |

■ **Problem Description:**

Customer am using TPC-1250H-N2BE and we have a problem with windows 7 embedded , when the computer is never power off. After 1 week the computer crashes on last screen and it's impossible to do anything , after restart the computer is ok.

■ **Brief Solution - Step by Step:**

There are three methods to keep the TPC still working longer time.

1) Minimise the size of the protected volume. This limits the size that the overlay can grow to. Non-critical data can be written to an unprotected volume on the same drive.

2) Fit as much RAM as your CPU will support. I've run into trouble regardless of EWF with 128Mb and no page file. 256Mb should be enough, but it does depend on what you do and how you do it. I'm running a system with 512Mb of RAM an a protected volume of only 100Mb

3) Purge your logs periodically. If you want to keep them do an EWF commit/Append their contents to some underlying file (perhaps on an unprotected volume). I'm not sure if the overlay size is reset if you turn EWF off and on again, or if you have to re-boot (any-one?). You don't say what your underlying storage is, but writing to something with a limited life (like CF) once a month should not damage it in your lifetime.

■ **Reference**

<http://www.pcreview.co.uk/forums/ewf-memory-leak-t523271.html>