



ENERDYNE SOLUTIONS

Indigo Xtreme™ Installation Troubleshooting Checklist 12-22-09

Should you experience any issues with Indigo Xtreme installation, please see the following possible causes and solutions (based upon internal testing and customer feedback):

Condition	Possible Cause/Solution
1. Low thermal performance	<ol style="list-style-type: none">1. Heat sink/block clamping force inadequate (<i>increase clamping force</i>);2. Not all burn programs running (<i>8 programs needed for Core i7 CPUs</i>);3. At least one fan operating during reflow (<i>all case fans and CPU fan must be off. It is also recommended to close the PC case during reflow.</i>);4. For water cooling: Pump is operating during reflow (<i>pump must be off; separate the CPU cooling loop from the GPU and Motherboard components with another loop/air cooling</i>);5. Insufficient time with burn programs running (<i>See reflow temperature profile; CPU or Indigo Xtreme will not be damaged if burn programs running longer than specified</i>);6. Top or Bottom liner was left on (<i>be certain to remove liners before heat sink installation</i>).
2. No reflow; PCMA still in shape of horseshoe	<ol style="list-style-type: none">1. See Condition #1;2. Heat sink clamping force excessive/inadequate (<i>use uniform force; do not over tighten adjustment screws</i>).
3. Did not see reflow temperature profile per installation guide description	<ol style="list-style-type: none">1. See Condition #1;2. Reflow occurred before SpeedFan monitoring tool opened:<ol style="list-style-type: none">a. <i>Disable Hyperthreading</i>;b. <i>Be certain CPU at stock clock/voltage prior to boot-up</i>;c. <i>Close out all background programs prior to burn-in</i>;d. <i>Put SpeedFan/equiv. in your startup group so Windows launches it at boot-up</i>;e. <i>Open the SpeedFan temperature graph as soon as possible</i>;f. <i>Quickly activate burn programs for all cores.</i>

Cool solutions for hot problems