



SETUP GUIDE

Model: OCZDIY17A2 Series

DIY Notebook Quick Installation Guide

Carefully remove the notebook from the bag and sleeve and inspect it for damage. Please use the protective sleeve as pad and place the notebook on it when you work on the configuration.



Familiarize yourself with the notebook before opening it up and exposing the inside to dust and other environmental factors! The picture below shows the location of all important components behind removable access panels, all other screws need not and should not be opened! The xxx notebook features two hard disk drive bays (1 & 2). Panel (3) covers the motherboard with the CPU socket, the memory slots and the graphics subsystem.



Installing / Replacing the Hard Disk Drive

The OCZDIY17A2 notebook uses a Serial ATA (SATA) interface for the HDD, therefore, any 2.5" mobile HDD purchased for this system needs to comply with the SATA standard. The two HDD bays are located underneath panels (1) and (2). Carefully remove one screw as shown (arrow).



After removal of the screws, the drive mounts can be pulled from the laptop chassis.



Turn the drive mount over as shown and align the HDD with the mounting holes for the screws.



Turn the drive mount over as shown and align the HDD with the mounting holes for the screws.



Once the drive is attached to the bay by fastening the four screws, the entire mount assembly can be re-inserted into the chassis and secured using the chassis screw.

a) Installing memory:

Locate the access panel for the motherboard (3) which features the memory expansion slots and the CPU socket. Remove the nine screws using a small Phillips-type Screwdriver and gently lift the access panel at the relieved tab (arrow).



Please remove the battery before doing any upgrades or exchange of any electronic components to avoid damage to your equipment.

Identify the memory slots (shown inside the orange frame; arrow). For easier identification, the picture shows the slots with memory modules already installed.



In the case of a new laptop, the slots will be vacant and look like shown below:



Please note that the two memory slots are “keyed” (arrows) to ensure correct orientation of the memory modules. Also note the retention clips (arrowheads) that will engage with the cutaway on the memory modules to secure them in place.



Position the memory modules in the slots and slightly tap them to ensure their full insertion. Then gently press the modules down starting with the lower module until they lie flat and engage with the retention clips as shown in the picture below.



Close the cover and secure it with the appropriate screws.

b) Installing the CPU:

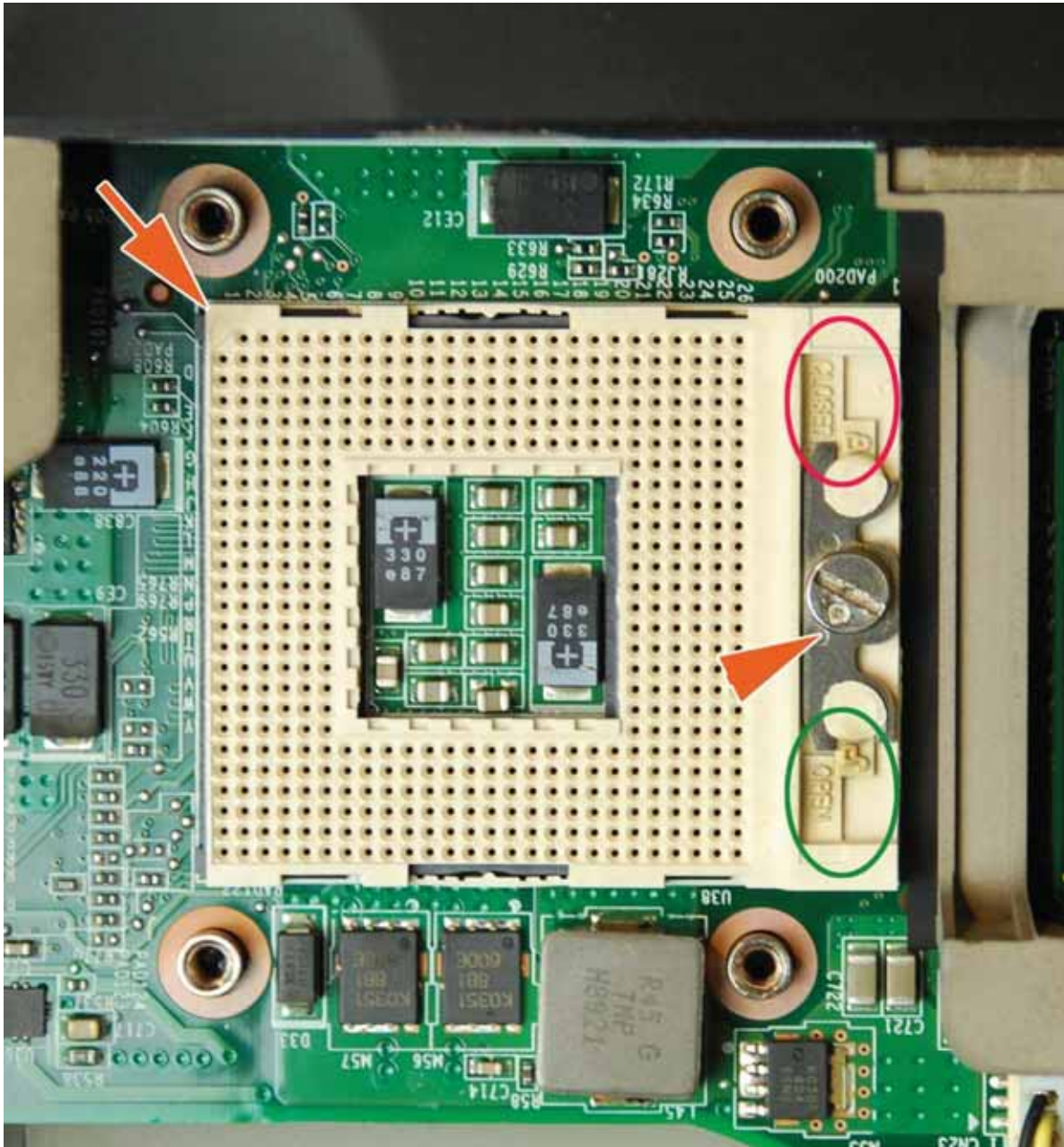
Centerpiece of the laptop is the processor or CPU. The CPU used in the OCZDIY17A2 laptop is a mobile Intel Core2 Duo processor with a Socket PGA478 pinout. The CPU heatsink and blower are already pre-assembled and mounted in the area outlined (arrow), and need to be removed in order to install the processor.





Locate the six screws (arrows) and unscrew them in the order indicated on the heatspreader (1-6). Carefully lift the cooling aggregate out of the cavity and place it on the side of the shell. It is not necessary to disconnect the fan from its power header on the motherboard (see arrow, right picture).

Please pay attention to the layout of the CPU socket. The corner marked by the arrow is used for orientation of the CPU (marked by a golden triangle on the CPU package). The arrowhead points to the locking screw that opens the socket for CPU insertion (green marquee) or closes it to secure the processor in place (red marquee).



Note the golden triangle on the CPU package that needs to match the upper left corner in the orientation of the socket as shown in the pictures above. Also note the orientation of the locking screw with the notch facing the “closed” position.

Please apply some thermal grease to the heatsink and/or CPU die and align the cooler with the mounting screw-holes. Fasten the screws in sequence from 1-6. Close the cover and fasten all screws to secure it in place.



Congratulations, it is time to connect the power supply to the battery and fire up your new system. Keep in mind that the initial charge of the battery may take up to 4 hours before you can fully enjoy mobile operation.





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TECHNICAL SUPPORT

For warranty support and technical information about your DIY Gaming Notebook, visit www.ocztechnology.com. All OCZ PRODUCTS include free technical support for direct, expert advice. Contact OCZ Technical support at (800) 459-1816 or email us at support@ocztechnology.com.

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