

Raptor HD Quad, Dual, 3D, and HD+ setup

Replace BIOS battery and set BIOS options

NOTE: These procedures are intended to be performed by a computer technician.

If a Raptor does not automatically turn on when power is applied, but turns on when the power switch is pressed, the BIOS battery may need to be replaced.

These Raptors use a CR2032 lithium coin battery to preserve the settings made in the BIOS setup utility. To replace the BIOS battery, the chassis top panel must be removed, but no other components need to be removed. The battery is mounted horizontally in a socket on the motherboard, and is visible near the front of the motherboard, just behind the memory.

With the deck facing you, the battery retention latch is on the right side of the battery holder. Use your finger (no tools, please) to VERY GENTLY push the middle portion of the latch to the right, and allow the battery to pop up out of the holder. Install the new battery by inserting the left edge of the battery into the socket first, and VERY GENTLY pushing it down into the holder, till it latches.

NOTE: On some decks, there is very little room to remove or replace the battery. However, you will find enough room to get your two index fingers down near the socket to grab the old battery, or to install a replacement. Plastic tweezers (no metal, please, as it would short out the battery) may be used to ease grabbing the old battery or inserting the new one. Please only use your finger to release the battery latch or press the new battery down into the socket.

After replacement of the battery, attach power, VGA, and USB keyboard and mouse, and press the power switch to turn on the deck. Make the following settings in the BIOS setup utility:

Press twice per second as deck is starting to enter BIOS setup utility.

"Main menu"

- Click "Load optimized defaults"

"MB Intelligent Tweaker (M.I.T.)" / "Advanced memory settings"

- System memory multiplier (SPD): **13.33**

"Standard CMOS features"

- Date & time **Set to current date & time**
- Halt on **No errors**

"Advanced BIOS features"

- Second boot device: **Disabled**
- Third boot device: **Disabled**
- HDD S.M.A.R.T Capability: **Enabled**
- Full screen LOGO show: **Disabled**
- Init display first: **Onboard**
- Onboard VGA: **Always enable**
- On-chip frame buffer size: **480MB+2MB for GTT**

"Integrated peripherals"

- "SATA AHCI mode" or "PCH SATA control mode": **AHCI**

"Power management setup"

- AC back function: **Full-on**

"Main menu"

- "Set supervisor password" **rxbios**

Press <F10>, then <enter> to save changes and restart deck. Deck is now ready for use.