

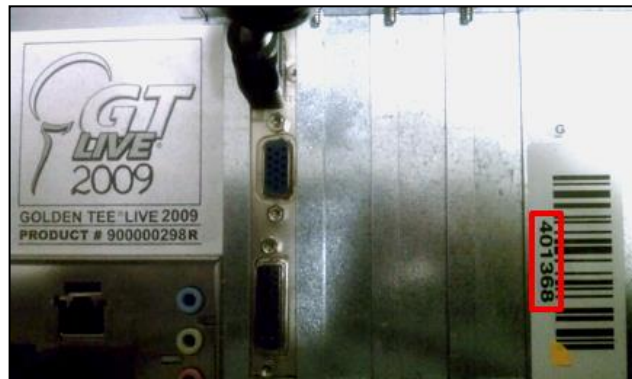
## Power Putt LIVE 2012-2013 Update Instructions

### Update Contents:

- Update Memory Stick labeled “PowerPutt LIVE 2013 Version 2.01.XX”
- 2013 Cabinet Marquee
- 1 GB Dual In-line Memory Module (DIMM)

**WARNING:** Part 1 of this update is **only** necessary if your system box has a serial number **below** 420000. If your serial number is above 420000 you **do not** need to install the Memory Module (DIMM). If you do not need a memory update move on to Part 2: Install the Security Chip.

See the image at right for the location of the six-digit serial number on your system box below the bar code.



### SYSTEM REQUIREMENTS: MUST HAVE 1 GIGABYTE (GB) OF MEMORY

To find the memory on your machine:

- Enter the Operator Setup Mode using the Setup button located on the coin vault. From the main menu, select **Trouble Shooting Shortcuts> System Tests> Hardware/Software> System Info**
- CPU Information line displays the amount of memory on the game. 1024 or 896 MB = 1 Gigabyte (No Memory Upgrade needed)
- CPU Information line displays 512 MB or 256 MB = Less than 1 Gigabyte (Memory Upgrade needed)

Videos detailing these instructions are available via YouTube on IT's web site:

- RAM Card Installation - <http://www.youtube.com/watch?v=8VgrRMbb6rM>
- Update Installation - <http://www.youtube.com/watch?v=8pOHvVDhegk>

**NOTICE:**

PowerPutt LIVE 2013 requires 1 GB of system RAM. If your current system does not have the correct amount of RAM, you must complete the following additional step. Please read all instructions carefully before installation.

Follow the steps below in the exact order listed to prevent damage to the Nighthawk System Box.

**Part 1: 1 GB Memory Upgrade Procedure**

This update is only necessary if your system box has a serial number below 420000.

**Tools/equipment required for Memory Upgrade:**

- 1 GB DIMM
- ¼-inch Hex Nut Driver (no longer than 9 inches)
- Standard/Flat Head Screwdriver
- Flashlight (optional)

1. Turn OFF all power to the cabinet.
2. Open the cabinet door housing the Nighthawk system box.

**System Box**

The Nighthawk System Box houses most of the game electronics and hardware in one box that can be easily installed. As with all electronic equipment, the system box should be handled with extreme care. Shock, severe temperature, or sudden impacts can damage the internal components that require costly repair.

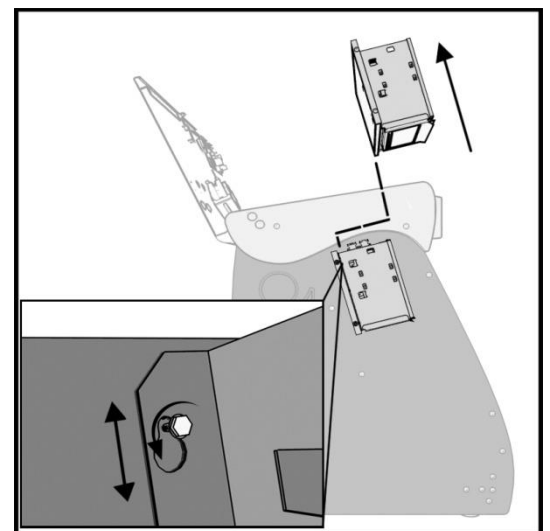
**Note:** Be sure power to the cabinet is OFF when performing any of the procedures below. For added safety remove the power cord from the back of the cabinet (optional).

**System Box Removal (Showpiece Cabinet)**

- Unlock the control panel and open to expose the Nighthawk system box.
- Disconnect all connections to the system box. Be sure all wires and connectors are clear and out of the way. Label the connectors for easy reconnection.
- Loosen the 6 ¼-inch hex-head screws that secure the system box.
- Carefully lift the system box up out of the cabinet.

**System Box (Dedicated Cabinet)**

- It is not necessary to remove the system box from dedicated cabinets.



**Note:** The USB cables can connect to any of the USB ports on the back of the system box.

3. Locate the three hex nut screws on the system box (below the warning sticker). Using a ¼-inch hex nut driver loosen the screws but do not remove them.
4. Locate the three hex nut screws on the opposite side of the system box. Using a ¼-inch hex nut driver remove the screws and set them aside in a safe place.
5. Using a standard head screwdriver remove the security labels on both sides of the system box. Please note that if the machine's service history includes a software or memory upgrade transaction, opening the system box will **not** void the warranty absent evidence of negligence.



**WARNING:** Electrostatic discharge (ESD) can damage components. To provide some ESD protection, wear an ESD wrist strap connected to the Nighthawk system box. Another method is to discharge yourself by touching the metal system box while your feet are flat on the ground before touching any components.

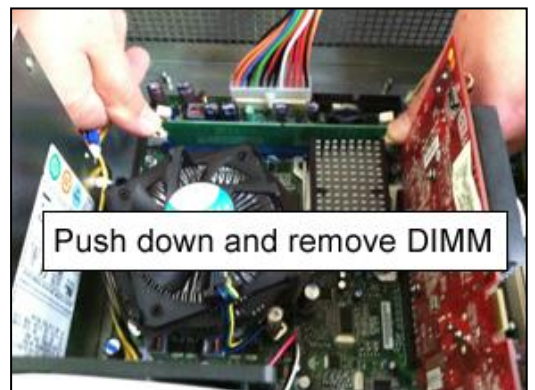
6. Remove the top of the system box and locate the DIMM slots located adjacent to the fan.

**Note:** It is possible that the video card on your machine may sit on top of the thumb latch for the DIMM. If this is the case please remove the video card using steps 6-8 of the Nighthawk Video Card Replacement Instructions on IT's web site:

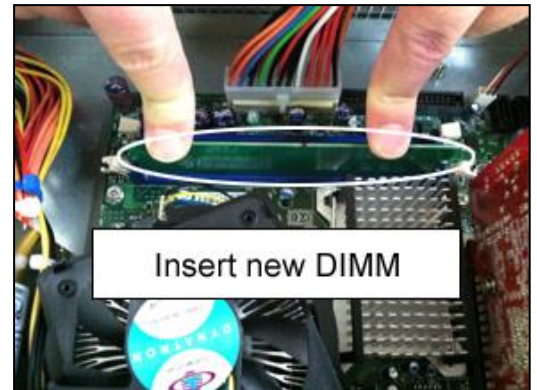
<http://amusement.itsgames.com/Amusement/Support/ServiceParts/>



7. Push down on the two white or beige thumb latches securing the DIMM on either side. Make sure the latches are pushed outward to the open position. **You must remove any and all DIMM before moving to Step 8.**



8. Carefully remove the new DIMM from its protective packaging. **Do not touch any part of the DIMM other than the sides of the card.**
9. Position the new DIMM into slot 0 (zero) on the motherboard. Align the small notch at the bottom edge of the DIMM with the key/slot in the socket. (The key/slot should prevent inserting the DIMM backwards.) Typically the bar code label faces away from the fan.



10. Insert the bottom edge of the DIMM into the socket. Push down on the top edge of the DIMM until the retaining thumb latches snap into place. **Do not force the DIMM into the slot.** Make sure the latches are firmly in place.
11. If the video card was removed in step 6, replace it.
12. Slide the top of the system box back in place.
13. Replace the three hex nuts on the top panel of the system box and tighten them.
14. Tighten the three hex nuts at the opposite side of the system box (below the warning sticker).
15. If you have a showpiece cabinet, reinstall the system box. See System Box Replacement below.
16. Turn ON the machine to ensure the new memory is recognized. Let the game boot up completely to the game mode.

**Note:** On boot up an Intel screen may appear indicating that an increase in memory occurred. Within a few seconds this screen will disappear and the game should continue to boot as expected. Proceed to Part 2: Install the Security Chip.

### System Box Replacement (Showpiece)

- Unlock the control panel and open to expose the inside of the cabinet.
- Align the system box onto the 6 mounting screws of the internal slanted panel. The connection ports face up. Once the system box is in place, tighten the 6 ¼-inch hex-head screws to secure the box to the panel.
- Connect the required connections. See the Installation Manual and User Guide for more details.

## Part 2: Install Memory Update Stick

Please remember it is important to KEEP the update stick for future updates. The update stick can be used for an unlimited number of updates associated with purchased licenses. DO NOT DISCARD.

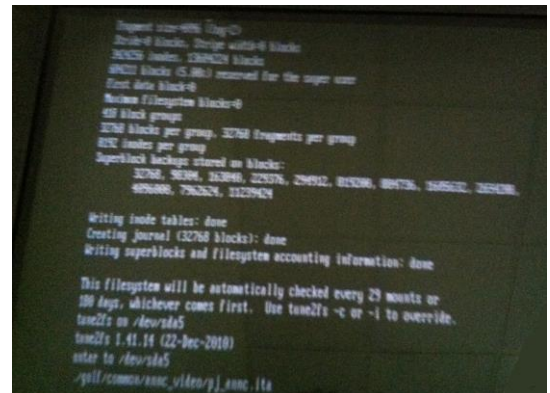
### Update from Under Control Panel

1. Complete a collection on the machine.
2. Turn OFF all power to the machine.
3. Turn the key at the back of the Showpiece cabinet to unlock the control panel box and lift up the hinged control panel.
4. Locate the open USB port on the back of the system box.
5. Insert the memory update stick into the USB port.
6. Continue with Part 2 to complete the update.

## PART 3: Perform Software Update

1. Turn ON power to the game. **It is important to prevent losing power or turning off the game during this software update!**
2. The game should automatically detect the update stick and run the Installer program. It is possible that on some systems the game might reboot again before running the Installer program.
3. The Installer will read the CID, I/O Board, and Nighthawk chassis to make sure this upgrade is possible.
4. Press Start to connect to ITNet for authorization.
5. Press Start again to accept the ITNet Operator's Agreement (the installation of the software upgrade will begin). The upgrade will take about 20-30 minutes to complete. Please be patient during this process.

**Note:** A graphical progress bar does not exist in this version of the Update Software (previously available in some IT games). The screen display looks similar to the screen at right during the boot up process.



**Important! Do not lose power or turn off the game after the start button has been pressed or any time while the update is in progress.**

6. When the install is complete, the Installer prompts to turn OFF the game, remove the memory update stick, reconnect the original USB cable (if removed), and then turn the game back ON.
7. Once complete, enter the System Setup menus and verify that the software version is **Version 2.01.XX**.
8. Force a call to ITNet to get all location-specific information that existed before the software update. Your old settings will be restored within 10 minutes.

**Any advertisements placed on the machine with AdWiz using a memory stick will no longer be available. They must be reloaded. Online advertisements will return within 12 hours.**

## Showpiece Marquee Installation



1. Slide the rectangular marquee mounting frame from its position on the two upright posts.
2. Remove any one of the four side pieces of the mounting frame.
3. Remove the current plastic laminate marquee from the mounting frame, but do not remove the cardboard.
4. Slide the updated marquee into place and reassemble the side piece or pieces. Make sure all of the surrounding pieces of the mounting frame are tight and the plastic laminate is smooth against the cardboard.
5. Slide the fully assembled marquee back into position.

**Note:** No cutting required when installing the Showpiece marquee.

## System Box Filter Cleaning

A clean filter is very important for proper cooling and optimal performance of the hardware. Be sure to clean this filter regularly.

1. With the back door removed, slide out the ventilation filter located on the underside of the system box.
2. Clean the filter thoroughly so it is free of dust and debris.
3. Insert the filter back into the slots of the bracket located on the underside of the system box.