

# About TurboPC

TurboPC optimizes transfer speeds for hard drives by caching data in your computer's RAM. It works best when TurboCopy is also installed. This guide explains how to enable and disable TurboPC on your computer.

- TurboPC works with the internal hard drives and in your computer, as well the Buffalo product that it was packaged with. Other drives and devices may not benefit from TurboPC.
- TurboPC works with 32 and 64 bit Windows 7, 32 and 64 bit Vista, and 32 bit Windows XP. Other operating systems are not supported at this time.
- TurboPC does not speed up USB 1.1 connections. The connection will function at normal speed, but there is no benefit to using TurboPC with such a slow connection. For best results, use TurboPC with USB 3.0 or 2.0.
- To install and configure TurboPC, log in to your PC with Administrator privileges. Installing or configuring from a restricted account may not work properly.
- Enabling TurboPC will add [TurboPC] to the Device Name in Device Manager. With Windows XP and Vista, [TurboPC] is also added to the list of device names that can be removed. For example, if a product is named [USB Mass Storage Device], then it will be named [USB Mass Storage Device (TurboPC)] after TurboPC is enabled.
- TurboPC uses a small amount of memory for each device that is installed and enabled. If insufficient memory is available, reduce the number of installed devices for which TurboPC is enabled.
- If you have other transfer optimization software already installed on your PC, then TurboPC will not be installed.
- If your computer does not reboot properly after TurboPC is configured, there may not be enough memory space left for your operating system. If your computer keeps rebooting, or if you get a BSOD (blue screen of death) after the reboot, follow the steps below to uninstall TurboPC.
  - (1) Turn off your computer.
  - (2) Disconnect all Buffalo USB hard drives.
  - (3) Reboot your computer, then uninstall TurboPC. See page 3 for uninstallation instructions.
  - (4) Reconnect the USB hard drives that you removed in step 2..

# Enable or Disable TurboPC

To enable or disable turboPC for devices on your computer, follow the steps below.

## 1 Turn on your computer, and log in to an account with administrator privileges.

## 2 Select [Start] - [(All) Programs] - [BUFFALO] - [TurboPC] - [TurboPC Setup].

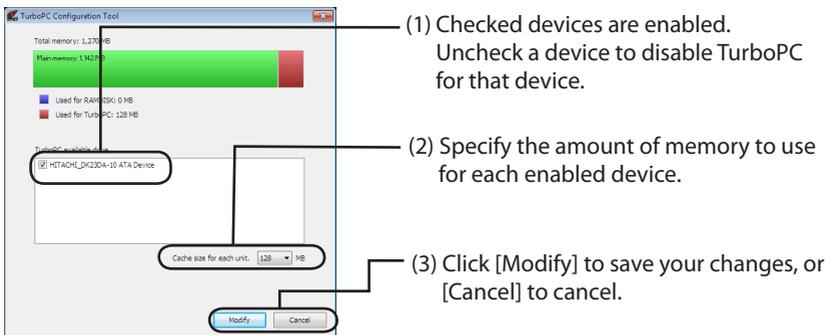
You can also open TurboPC from the Buffalo Tools Launcher if it's installed.

If [TurboPC] is not displayed, install TurboPC from the software included with your Buffalo product or available for download from [www.buffalotech.com](http://www.buffalotech.com).

For Windows 7, if "Do you want to allow the following program to make changes to this computer?" is displayed, click [Yes].

For Vista, if "A program needs your permission to continue." is displayed, click [Continue].

## 3



Note : TurboPC can use a maximum total of 512 MB cache. If you configure the [Cache size for each unit] so large that the total cache required for all TurboPC-enabled devices is more than 512 MB, you will not be able to click [Modify]. If this happens, select a smaller number for [Cache size for each unit].

The graph at the top shows memory usage.

Turbo PC can be enabled for internal hard drives.

Cache size for each device can be set to 32 MB or 64 MB. If RAMDISK is installed, you can set cache size to 128, 256 or 512 MB.

Your screen may look slightly different.

Follow the instructions on the screen to configure TurboPC. After changing settings, reboot your computer.

# How to Uninstall

To uninstall TurboPC, follow the steps below.

**Note:** Uninstalling TurboPC will uninstall it for all products. To leave it usable for other products, disable it for a specific product instead of uninstalling it for everything.

- 1 Turn on your computer, and log in to an account with administrator privileges.**
- 2 Select [Start] - [(All) Programs] - [BUFFALO] - [TurboPC] - [Uninstall].**

Follow the instructions on the screen to uninstall TurboPC.

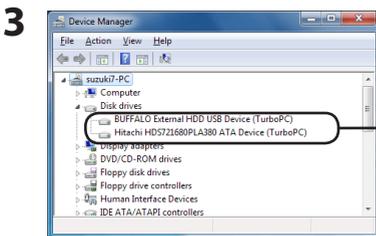
## Troubleshooting

If your Buffalo product is no longer recognized after TurboPC is configured, delete it from device manager as shown below. After deleting it, reconnect it to your computer.

- 1 Click [Start], right-click on [(MY) Computer], then select [Properties].**
- 2 Select [Device Manager].**

If "Do you want to allow the following program to make changes to this computer?" is displayed on Windows 7, click [Yes].

If "A program needs your permission to continue." is displayed on Windows Vista, click [Continue]. For Windows XP, click [Device Manager] in [Hardware].



**Right-click [USB Mass Storage Device] (\*) and select [Uninstall].**

If TurboPC is enabled, [USB Mass Storage Device (TurboPC)] is displayed.

Your screen may look slightly different.

- 4 Unplug the unit, then reconnect it to your computer.**

Your product should now be recognized in Windows. To configure TurboPC, turn to page 2.