

Installing Windows NT 4.0 drivers of the AJP Neo Pc.

Note: This installation guide assumes that the user has at least a basic knowledge of Windows NT 4.0. If you don't we would suggest you speak to your systems administrator / network admin or speak to our tech support department before starting

PREPARATION: What do you need for the installation?

You will need the driver CD-ROM supplied with your notebook, and your copy of Windows NT 4 for this procedure.

NB: You must have NT Service pack three or later on some kind of media that will enable you to install it as soon as you have finished the NT installation. The Neo PC uses AGP graphics; NT only includes AGP graphics support from service pack three onwards. There are four main ways to get a copy of service pack three. Service pack four is the most recent service pack (on the 18/1/99 as this is written) but SP4 is not vital to the Neo PC's operation.

- Internet Explorer 4.x – All IE4.0 CD-ROMs contain a directory with SP3.
- With an OEM copy of NT – All OEM copies of NT come with a copy of the most recent service pack on a separate CD.
- Magazine cover disks – Some of the more highbrow PC magazines often come with cover disks, which contain the most recent service packs.
- Microsoft's Http and ftp servers – If you do have a leased line or ISDN then you could always download directly from Microsoft.

Installing the Display Drivers.

To re-iterate the above, the first step in installing the graphics drivers is to install SP3 or later.

Right click any part of the desktop, a small pop-up menu will appear. Click on **Properties**. Select the **Settings** tab. Click on **Display Type** (this is at the bottom right of screen). A new dialogue window appears called **Display Type**. The adapter type will be identified as **VGA compatible display adapter**, which is incorrect. Click on the **Change** button, then click on the **Have Disk** button. When prompted with **Copy manufacturer's files from:** type **D:\Nt40\Ati_VGA_3D RAGE LT PRO AGP 2X** will be highlighted, if it is not select it from the list, click on **OK**. You will then be prompted if you want to **install a third party driver** click **Yes**. Windows NT will then copy some files. Once the files are copied the message **The drivers were successfully installed** will appear click **OK**. Click on **Close** and this will take you back to the **Display Properties window**. Click on **Close** and you will be prompted to restart your computer. Click on **Yes**.

Once the machine has re-started, Windows NT will report that a new graphics driver has been installed. Click on **Ok**. The **Display Properties window** will be shown. Click on the **Colour Palette** and choose **16777216 Colours** and under **Desktop Area** move the slider bar over to **1024 by 768 pixels**. Now click on **Test** and then **Ok**. A test screen will appear. Once the Windows NT desktop area re-appears you will be asked if you saw the bitmap clearly. Click **Ok**.

Note: If you find that the screen font is too small, go to **Display Properties, Settings** and under **Font Size** select **Large Fonts**, click **Apply**.

The display driver installation is now complete. Click **Ok** to exit from the **Display Properties** window.

Installing your Sound Drivers.

Click on your **Start** button and select **Settings**. A pop-up menu will appear. Click on **Control panel** here. In control panel open the **Multimedia** icon. Click on the **Devices** tab and highlight **Audio Devices** by clicking once on it. Now click on **Add...** A new window will appear with **Unlisted or Updated Driver** highlighted. Click on **Ok**. The system will then prompt you with the following message **Insert the disk with the unlisted, updated or vendor provided driver in:** type **D:\Nt40\Crystal_Audio** and then click **Ok**. **Crystal SoundFusion** should be highlighted, if it is not scroll down the list and do so. Click **Ok**. Another window will be shown saying that the sound drivers have been installed. Click on **Restart Now**.

The sound driver installation is now complete.

Other Devices and functions.

NT4.0 does not support any kind of **Infrared** at all. If you need infra red support we would suggest moving platforms to Windows 9x.

Network Interface card, The Neo PC has a built in NIC, Network set-up wizard can automatically detect this. As this card is a 10/100TX auto-switching model we can only supply it with a RJ-45 connector, This means that your

network has to be running on RJ-45 cabling and use hubs. BNC (also called twisted pair) network cabling not able to support TX100 networks. If this is going to be a problem see you network admin or consider using either a PCI NIC or a PCMCIA NIC with BNC support.

A final note

Please try to keep a relatively up to date Emergency Recovery Disk. NT is a secure operating system. If for some reason your NT installation should become corrupt or unstable, the ERD will enable you to boot the machine and salvage any important data. However keep any ERD disks in a secure environment. The ERD contains the SAM file, which contains all the passwords and user accounts on the machine, although this data is encrypted, it is a potential security hazard.

We hope the above information is sufficient to enable you to set up your Neo PC. Meanwhile if you have any problems do not hesitate to contact our Technical Support Department.

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