

# Nvidia Graphics

Nvidia provides Solaris x86-64/x86 packages of their proprietary driver for different families of graphic adapters.

One or more drivers may be installed from [oi-userland](#) using components located in the directory [components/openindiana](#).

The list of currently supported and legacy drivers is updated on the [Unix Drivers page](#).

Series	Label	Models	Notes
396.xx	Current	<a href="#">GeForce 400 to Geforce GTX 10</a>	Driver <a href="#">396.24</a>
<b>340.xx</b>	Legacy GPU	<a href="#">GeForce 8 to GeForce 700 series</a>	Driver <a href="#">340.106</a> ; Delivers libvdpau as part of the package.
<b>304.xx</b>	Legacy GPU	<a href="#">GeForce 6 to GeForce 600 series</a>	Driver <a href="#">304.137</a>

Drivers series highlighted in **orange** are currently part of oi-userland, others may be installed manually following Nvidia's instructions.

Note on new driver installations:

```
$ pfexec beadm list
$ pfexec beadm create oi-nvidia
$ pfexec beadm mount oi-nvidia /mnt
$ pfexec pkg -R /mnt uninstall -r driver/graphics/nvidia
$ pfexec /bin/sh NVIDIA-Solaris-x86-390.48.run --extract-only
$ cd NVIDIA-Solaris-x86-390.48
$ pfexec pkgadd -R /mnt -d . NVDAgraphics NVDAgraphicsr
$ pfexec bootadm update-archive -R /mnt
$ pfexec beadm unmount -f oi-nvidia
$ pfexec beadm activate oi-nvidia
$ pfexec reboot -p
```

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Need guide how to revert back to OI Nvidia drivers. I have tried and it has failed:

```
;; pfexec pkgrm NVDAgraphics NVDAgraphicsr
;; pfexec touch /reconfigure
;; pfexec init 6
;; pfexec pkg install -v driver/graphics/nvidia x11/server/xorg/driver/xorg-video-nv
...
```

```
driver (nvidia) install failed with return code -11
```

```
command run was: /usr/sbin/add_drv -u -i "pci10de,191" "pci10de,193" "pci10de,194" "pci10de,197" "pci10de,19d"
"pci10de,19e" "pci10de,400" "pci10de,401" "pci10de,402" "pci10de,403" "pci10de,404" "pci10de,405" "pci10de,406"
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"pci10de,1391" "pci10de,1392" "pci10de,1393" "pci10de,13ba" "pci10de,13bb" -m * 0666 root root nvidia
```

command output was:

b' -----

...

After that, X server is not starting... What would be proper solution? | Predrag Zeevi 2019/12/30 009:10