

Bajar TinyCore RedPill

Descarga la versión normal o la versión uefi (según te interese) de la imagen comprimida de TinyCore RedPill desde [aquí](#).

Descomprímelo. Te quedará un .img de aprox. 1GB.

Usa [Win32 Disk Imager](#) para quemar ese .img en un pendrive.

Iniciar desde el pendrive

Inicia el servidor desde el USB hasta que llegues al escritorio y abre una terminal.

Agregar drivers ethernet

Para el DS918+, ejecuta:

```
./rploader.sh ext apollolake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8101/rpext-index.json
./rploader.sh ext apollolake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8125/rpext-index.json
./rploader.sh ext apollolake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8152/rpext-index.json
./rploader.sh ext apollolake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8168/rpext-index.json
./rploader.sh ext apollolake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8169/rpext-index.json
./rploader.sh ext apollolake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/igp/rpext-index.json
./rploader.sh ext apollolake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/e1000/rpext-index.json
./rploader.sh ext apollolake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/e1000e/rpext-index.json
./rploader.sh ext apollolake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/mpt3sas/rpext-index.json
```

Para el DS920+, ejecuta:

```
./rploader.sh ext geminilake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8101/rpext-index.json
./rploader.sh ext geminilake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8125/rpext-index.json
./rploader.sh ext geminilake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8152/rpext-index.json
./rploader.sh ext geminilake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8168/rpext-index.json
./rploader.sh ext geminilake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8169/rpext-index.json
./rploader.sh ext geminilake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/igp/rpext-index.json
./rploader.sh ext geminilake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/e1000/rpext-index.json
./rploader.sh ext geminilake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/e1000e/rpext-index.json
```

```
./rploader.sh ext geminilake-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/mpt3sas/rpext-index.json
```

Para el DS1621+, ejecuta:

```
./rploader.sh ext v1000-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8101/rpext-index.json
./rploader.sh ext v1000-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8125/rpext-index.json
./rploader.sh ext v1000-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8152/rpext-index.json
./rploader.sh ext v1000-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8168/rpext-index.json
./rploader.sh ext v1000-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8169/rpext-index.json
./rploader.sh ext v1000-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/igp/rpext-index.json
./rploader.sh ext v1000-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/e1000/rpext-index.json
./rploader.sh ext v1000-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/e1000e/rpext-index.json
./rploader.sh ext v1000-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/mpt3sas/rpext-index.json
```

Para el DS3615xs y el DS3617xs, ejecuta:

```
./rploader.sh ext bromolow-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8101/rpext-index.json
./rploader.sh ext bromolow-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8125/rpext-index.json
./rploader.sh ext bromolow-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8152/rpext-index.json
./rploader.sh ext bromolow-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8168/rpext-index.json
./rploader.sh ext bromolow-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8169/rpext-index.json
./rploader.sh ext bromolow-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/igp/rpext-index.json
./rploader.sh ext bromolow-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/e1000/rpext-index.json
./rploader.sh ext bromolow-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/e1000e/rpext-index.json
./rploader.sh ext bromolow-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/mpt3sas/rpext-index.json
```

Para el DS3622xs+, ejecuta:

```
./rploader.sh ext broadwellnk-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8101/rpext-index.json
./rploader.sh ext broadwellnk-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8125/rpext-index.json
./rploader.sh ext broadwellnk-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8152/rpext-index.json
./rploader.sh ext broadwellnk-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8168/rpext-index.json
./rploader.sh ext broadwellnk-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/r8169/rpext-index.json
./rploader.sh ext broadwellnk-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/igp/rpext-index.json
./rploader.sh ext broadwellnk-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/e1000/rpext-index.json
./rploader.sh ext broadwellnk-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/e1000e/rpext-index.json
./rploader.sh ext broadwellnk-7.0.1-42218 add
https://raw.githubusercontent.com/pocopico/rp-ext/master/mpt3sas/rpext-index.json
```

Para otros drivers revisa [esto](#).

Configurar el loader

Para emular el DS918+ (4 puertos SATA, 4 núcleos, 4 a 8GB RAM), ejecuta:

```
./rploader.sh update now
./rploader.sh fullupgrade now
./rploader.sh serialgen DS918+ realmac
./rploader.sh satamap now
```

Para emular el DS920+ (4 puertos SATA, 4 núcleos, 4 a 8GB RAM), ejecuta:

```
./rploader.sh update now
./rploader.sh fullupgrade now
./rploader.sh serialgen DS920+ realmac
./rploader.sh satamap now
```

Para emular el DS1621+ (6 puertos SATA, 4 núcleos, 4 a 32 GB RAM), ejecuta:

```
./rploader.sh update now
./rploader.sh fullupgrade now
./rploader.sh serialgen DS1621+ realmac
./rploader.sh satamap now
```

Para emular el DS3615xs (12 puertos SATA, 2 núcleos, 4 a 32 GB de RAM), ejecuta:

```
./rploader.sh update now
./rploader.sh fullupgrade now
./rploader.sh serialgen DS3615xs realmac
./rploader.sh satamap now
```

Para emular el DS3617xs (12 puertos SATA, 4 núcleos, 4 a 48 GB de RAM), ejecuta:

```
./rploader.sh update now
./rploader.sh fullupgrade now
./rploader.sh serialgen DS3617xs realmac
./rploader.sh satamap now
```

Para emular el DS3622xs+ (12 puertos SATA, 6 núcleos, 4 a 48 GB de RAM), ejecuta:

```
./rploader.sh update now
./rploader.sh fullupgrade now
./rploader.sh serialgen DS3622xs+ realmac
./rploader.sh satamap now
```

Mejorar la configuración de la controladora SATA

Este paso es muy importante si **satamap now** no ha detectado la controladora SATA correctamente. Esto puede provocar que la instalación no detecte los discos. Antes que nada instala nano, con:

```
tce-load -wi nano
```

Ahora edita el archivo de configuración con:

```
nano user_config.json
```

Modifica acorde a tu/s controladora/s. Por ejemplo una controladora de 4 puertos, sería:

```
"SataPortMap": "4",
"DiskIdxMap": "00"
```

Y si a esa controladora SATA le sumáramos otra de 6 puertos:

```
SataPortMap = "46",
DiskIdxMap = "0000"
```

Construir el loader

Para el DS918+, ejecuta:

```
./rploader.sh build apollolake-7.0.1-42218
./rploader.sh clean now
./rploader.sh build apollolake-7.1.0-42661
./rploader.sh clean now
rm -rf /mnt/sdb3/auxfiles
```

```
rm -rf /home/tc/custom-module  
./rploader.sh backup now
```

Para el DS920+, ejecuta:

```
./rploader.sh build geminilake-7.0.1-42218  
./rploader.sh clean now  
./rploader.sh build geminilake-7.1.0-42661  
./rploader.sh clean now  
rm -rf /mnt/sdb3/auxfiles  
rm -rf /home/tc/custom-module  
./rploader.sh backup now
```

Para el DS1621+, ejecuta:

```
./rploader.sh build v1000-7.0.1-42218  
./rploader.sh clean now  
./rploader.sh build v1000-7.1.0-42661  
./rploader.sh clean now  
rm -rf /mnt/sdb3/auxfiles  
rm -rf /home/tc/custom-module  
./rploader.sh backup now
```

Para el DS3615xs, ejecuta:

```
./rploader.sh build bromolow-7.0.1-42218  
./rploader.sh clean now  
./rploader.sh build bromolow-7.1.0-42661  
./rploader.sh clean now  
rm -rf /mnt/sdb3/auxfiles  
rm -rf /home/tc/custom-module  
./rploader.sh backup now
```

Para el DS3617xs, ejecuta:

```
./rploader.sh build bromolow-7.0.1-42218  
./rploader.sh clean now  
./rploader.sh build bromolow-7.1.0-42661  
./rploader.sh clean now  
rm -rf /mnt/sdb3/auxfiles  
rm -rf /home/tc/custom-module  
./rploader.sh backup now
```

Para el DS3622xs+, ejecuta:

```
./rploader.sh build broadwellnk-7.0.1-42218
./rploader.sh clean now
./rploader.sh build broadwellnk-7.1.0-42661
./rploader.sh clean now
rm -rf /mnt/sdb3/auxfiles
rm -rf /home/tc/custom-module
./rploader.sh backup now
```

Guardar el .pat

Navegamos hasta **/home/tc/redpill-load/cache/** y guardamos el .pat en otro pendrive porque será el que necesitaremos para instalar DSM más adelante.

Reiniciar el servidor

Reiniciamos el servidor, con:

```
exitcheck .sh reboot
```

Segundo inicio del servidor

Arranca el nuevo loader en modo SATA, encuentra la IP de servidor en tu router y procede con la instalación normal de DSM. Recuerda bajar el PAT de la versión del loader que le hayas puesto y no otra versión inferior o superior. En este caso sería la 7.1.0-42661.

Activación de software

Crea los almacenamientos y luego mete en un nuevo navegador, con la IP que le hayas puesto a DSM, los siguientes comandos:

```
http://IPDeLaMV:PuertoDeDSM/webapi/auth.cgi?api=SYNO.API.Auth&version=3&method=login&account=admin&passwd=raizraiz&format=cookie
http://IPDeLaMV:PuertoDeDSM/webapi/entry.cgi?api=SYNO.ActiveBackup.Activation&method=set&version=1&activated=true&serial_number=NumeroDeSerie
http://IPDeLaMV:PuertoDeDSM/webapi/entry.cgi?api=SYNO.ActiveBackupOffice365&method=set_activation&version=1&serial_number=NumeroDeSerie
http://IPDeLaMV:PuertoDeDSM/webapi/entry.cgi?api=SYNO.ActiveBackupGSuite&method=set_activation&version=1&serial_number=NumeroDeSerie
```

Por ejemplo:

```
http://192.168.1.201:5000/webapi/auth.cgi?api=SYNO.API.Auth&version=3&method=login&account=admin&passwd=raizraiz&format=cookie
http://192.168.1.201:5000/webapi/entry.cgi?api=SYNO.ActiveBackup.Activation&method=set&version=1&activated=true&serial_number=2040SQRTL8G1G
http://192.168.1.201:5000/webapi/entry.cgi?api=SYNO.ActiveBackupOffice365&method=set_activation&version=1&serial_number=2040SQRTL8G1G
http://192.168.1.201:5000/webapi/entry.cgi?api=SYNO.ActiveBackupGSuite&method=set_activation&version=1&serial_number=2040SQRTL8G1G
```

