



Repository

TLDR: extrepo enable reform.debian.net

- Debian Linux plus patches & dtbs
 - Platform specific customizations
 - utilities for flashing, hardware setup, handbook, configuration
 - udev rules (pulseaudio profile)
 - initramfs hooks & scripts
 - systemd configs (suspend)
 - dkms module (LPC)
 - desktop wallpaper & fonts
 - Patched flash-kernel (and mesa gst-plugins-* , ffmpeg, ...)

The Software of the MNT Reform

Main properties (sales pitch):

- ✓ Bit-by-bit reproducible
 - ✓ No superuser privileges required
 - ✓ Cross buildable (from amd64 to arm64)
 - ✓ stable+bpo (reform.d.n), unstable (mntre.com)
 - ✓ Signed with key from debian-keyring

System Images

Debian Installer

- **Initrd from** <http://ftp.debian.org/debian/dists/bookworm/main/installer-arm64/current/images/netboot/debian-installer/arm64/initrd.gz>
 - **Filter cpio to remove /lib/modules**
 - **Append cpio with new modules**
 - **Append cpio with new content:**
 - preseed.cfg
 - post-base-installer (apt config, apt pinning, extra packages)
 - finish-install (debconf questions, flash u-boot)
 - mkfs.fat --invariant && sfdisk
 - mcopy linux, initrd, dtb, extlinux
 - **Flash u-boot to start of disk**