



# Download & Install Darby Linux

One command. Any hardware. Ready in minutes.



## Quick Install (Recommended)

Open a terminal on your Linux system and run:

```
curl -fsSL https://darbylinux.org/install | sudo bash
```

That's it. The script will:

1. Detect your hardware (Intel Mac, PowerPC Mac, or PC)
2. Download the latest stable release
3. Verify the download integrity
4. Install and configure everything automatically



## Installation Options

### Non-Interactive (Servers / Automation)

```
curl -fsSL https://darbylinux.org/install | sudo bash -s -- --yes
```

### With Office Suite

```
curl -fsSL https://darbylinux.org/install | sudo bash -s -- --enable-office
```

### With Office + Gaming

```
curl -fsSL https://darbylinux.org/install | sudo bash -s -- --enable-office --enable-gaming
```

### Minimal Install (XFCE + Chrome only)

```
curl -fsSL https://darbylinux.org/install | sudo bash -s -- --minimal
```

### Force PC Mode (Non-Mac Hardware)

```
curl -fsSL https://darbylinux.org/install | sudo bash -s -- --pc
```

## Specific Version

```
curl -fsSL https://darbylinux.org/install | sudo bash -s -- --version 1.4.0
```

## Preview Only (No Changes)

```
curl -fsSL https://darbylinux.org/install | sudo bash -s -- --dry-run
```



## Download First, Then Install

If you prefer to inspect the script before running it (recommended for security):

```
# Step 1: Download the installer
curl -fsSL https://darbylinux.org/install -o quick-install.sh

# Step 2: Review it
less quick-install.sh

# Step 3: Make it executable and run
chmod +x quick-install.sh
sudo ./quick-install.sh
```



## Manual Download

If you prefer to download the tarball directly:

### Download

```
# Latest stable release
wget https://github.com/darby-linux/darby-linux/releases/latest/download/darby-linux-1.4.0.tar.gz

# Checksum file
wget https://github.com/darby-linux/darby-linux/releases/latest/download/darby-linux-1.4.0.tar.gz.sha256
```

### Verify

```
sha256sum -c darby-linux-1.4.0.tar.gz.sha256
```

You should see: `darby-linux-1.4.0.tar.gz: OK`

### Extract & Install

```
tar xzf darby-linux-1.4.0.tar.gz
cd darby-linux-1.4.0
sudo ./install.sh
```

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## Platform-Specific Commands

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### Intel Mac (2008-2019)

```
# Auto-detected – just run:
curl -fsSL https://darbylinux.org/install | sudo bash
```

Hardware auto-detection identifies your Mac model, year, and installs appropriate drivers for WiFi (Broadcom), trackpad, keyboard, Retina display, and T2 chip.

### PowerPC Mac (1999-2006)

```
# Auto-detected on PPC hardware, or force with --ppc:
curl -fsSL https://darbylinux.org/install | sudo bash -s -- --ppc
```

Installs lightweight browsers (Dillo, NetSurf), PPC-optimised kernel parameters, G3/G4/G5 GPU drivers, AirPort WiFi drivers, and auto-selects a desktop based on RAM.

### Generic PC (Intel/AMD Desktop or Laptop)

```
# Auto-detected on non-Mac x86 hardware, or force with --pc:
curl -fsSL https://darbylinux.org/install | sudo bash -s -- --pc
```

Full PC hardware support: CPU/chipset detection, lm-sensors, ACPI/laptop optimisation, TLP power management, and support for modern hardware (NVMe, Thunderbolt, USB4, TPM 2.0).

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## Alternative Download Methods

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### Using wget

```
wget -q0- https://darbylinux.org/install | sudo bash
```

### Using fetch (FreeBSD / macOS)

```
fetch -o - https://darbylinux.org/install | sudo bash
```

### From GitHub Directly

```
curl -fsSL https://raw.githubusercontent.com/darby-linux/darby-linux/main/quick-in-
stall.sh | sudo bash
```

### Git Clone (Full Repository)

```
git clone https://github.com/darby-linux/darby-linux.git
cd darby-linux
sudo ./install.sh
```

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## Post-Install Verification

After installation, verify everything is working:

```
# Check installed version
cat /etc/darby-linux/install.conf

# Check desktop environment
echo $XDG_CURRENT_DESKTOP

# Check browser
google-chrome-stable --version

# Check hardware detection (Mac)
cat /etc/lightweight-linux-mac/hardware.conf

# Check security status
sudo ufw status
sudo systemctl status fail2ban
```

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## Updating

After installation, update Darby Linux using the built-in OTA system:

```
# Check for updates
sudo /opt/darby-linux/scripts/ota/update_manager_v2.sh check

# Install updates
sudo /opt/darby-linux/scripts/ota/update_manager_v2.sh install

# Or re-run the quick installer to upgrade
curl -fsSL https://darbylinux.org/install | sudo bash -s -- --yes
```

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## Uninstalling

```
# Using the quick installer
curl -fsSL https://darbylinux.org/install | sudo bash -s -- --uninstall

# Or manually
sudo rm -rf /opt/darby-linux
sudo rm -rf /etc/darby-linux
sudo rm -f /usr/local/bin/darby-linux
```

**Note:** Uninstalling removes Darby Linux files but keeps installed system packages (XFCE, Chrome, etc.). To fully clean up packages:

```
sudo apt-get autoremove --purge xfce4 google-chrome-stable
```

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## Security Notes

### Verifying the Installer

Before piping a script to bash, you can verify it:

```
# Download and check the GPG signature (when available)
curl -fsSL https://darbylinux.org/install -o quick-install.sh
curl -fsSL https://darbylinux.org/install.sig -o quick-install.sh.sig
gpg --verify quick-install.sh.sig quick-install.sh

# Or simply review the script
less quick-install.sh
```

### Checksum Verification

Every release includes SHA-256 checksums:

```
# The quick installer verifies automatically, or manually:
sha256sum darby-linux-1.4.0.tar.gz
# Compare with the published checksum at:
# https://github.com/darby-linux/darby-linux/releases
```

## ? Troubleshooting

### “Permission denied”

You need root/sudo access:

```
sudo ./quick-install.sh
# or
curl -fsSL https://darbylinux.org/install | sudo bash
```

### “curl: command not found”

Install curl first:

```
sudo apt-get update && sudo apt-get install -y curl
```

Then re-run the install command.

### “apt-get: command not found”

Darby Linux requires a Debian/Ubuntu-based distribution. Supported:

- Ubuntu 20.04, 22.04, 24.04
- Debian 11, 12
- Linux Mint 21+

### Download fails / times out

1. Check your internet connection: `ping -c 3 github.com`
2. Try wget instead: `wget -q0- https://darbylinux.org/install | sudo bash`

3. Download manually from [GitHub Releases](https://github.com/darby-linux/darby-linux/releases) (<https://github.com/darby-linux/darby-linux/releases>)

4. If behind a proxy: `export https_proxy=http://proxy:port` before running

## Checksum verification fails

The downloaded file may be corrupted. Delete and re-download:

```
rm -f darby-linux-*.tar.gz*
curl -fsSL https://darbylinux.org/install | sudo bash
```

## “Another installation is in progress”

A previous install may have crashed. Remove the lock file:

```
sudo rm -f /tmp/darby-install.lock
```

## Installation succeeds but desktop doesn't start

Reboot first:

```
sudo reboot
```

If LightDM doesn't start automatically:

```
sudo systemctl enable lightdm
sudo systemctl start lightdm
```



## System Requirements

Platform	RAM	Disk	OS
Intel Mac (2008–2019)	2 GB+	5 GB	Ubuntu 20.04+ / Debian 11+
PowerPC Mac (1999–2006)	128 MB+	3 GB	Debian PPC / Void PPC
Generic PC (x86/x86-64)	512 MB+	5 GB	Ubuntu 20.04+ / Debian 11+
+ Office Suite	+1 GB	+3 GB	—
+ Gaming Stack	+4 GB	+5 GB	—

## All Flags Reference

Flag	Description
<code>--yes</code> , <code>-y</code>	Non-interactive mode (accept all defaults)
<code>--version</code> VER	Install a specific version
<code>--channel</code> CH	Release channel: stable, beta, nightly
<code>--install-dir</code> DIR	Custom install directory (default: <code>/opt/darby-linux</code> )
<code>--enable-office</code>	Install office software suite
<code>--enable-gaming</code>	Install gaming stack
<code>--enable-t2</code>	Force T2 chip support
<code>--pc</code>	Force generic PC mode
<code>--ppc</code>	Force PowerPC mode
<code>--minimal</code>	Minimal install (XFCE + Chrome only)
<code>--skip-drivers</code>	Skip hardware driver installation
<code>--skip-storage</code>	Skip storage optimisation
<code>--skip-security</code>	Skip security hardening
<code>--skip-wallpaper</code>	Skip wallpaper generation
<code>--dry-run</code>	Preview only (no changes)
<code>--uninstall</code>	Remove Darby Linux
<code>-h</code> , <code>--help</code>	Show help