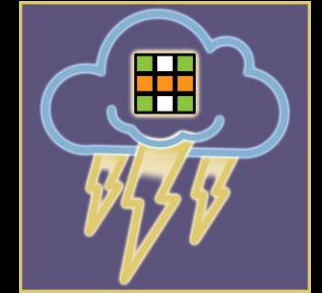
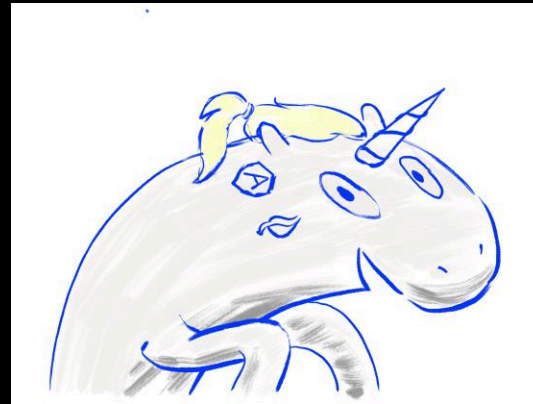


# Ein Ritt durch die Green IT Prärie



Foto von RICARDO DUARTE



Wir sind Team FUNderstorm

# CO2 Emissionen weltweit



2%

# CO2 Emissionen weltweit



2%



2%

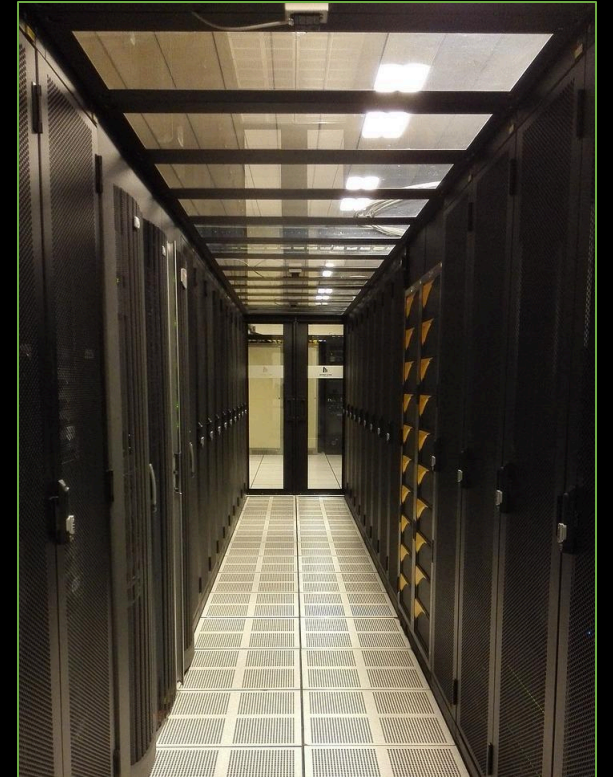
# CO2 Emissionen weltweit



2%



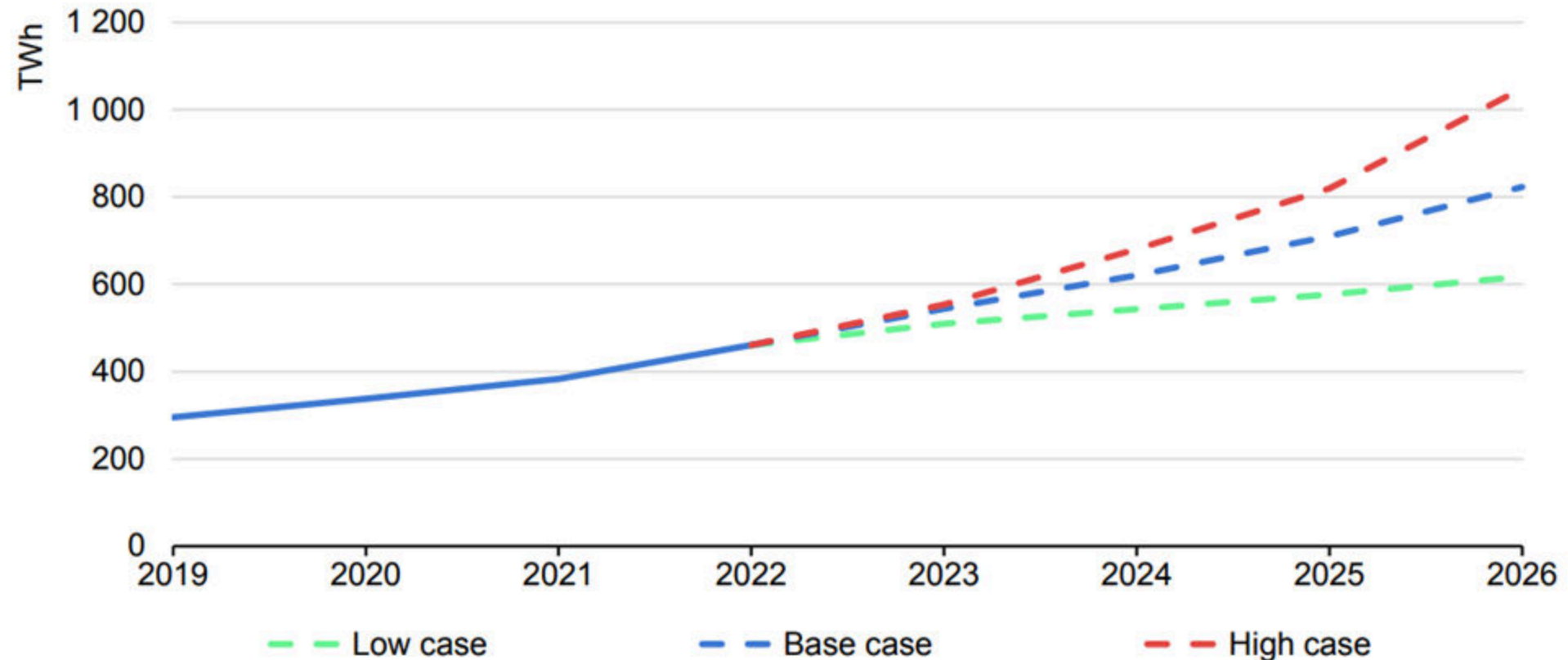
2%



4%

# C02 Emissionen Ausblick

Global electricity demand from data centres, AI, and cryptocurrencies, 2019-2026



# Scopes – Eine Fabel



Scope 1



Scope 2



Scope 3

# Verhältnismäßigkeit

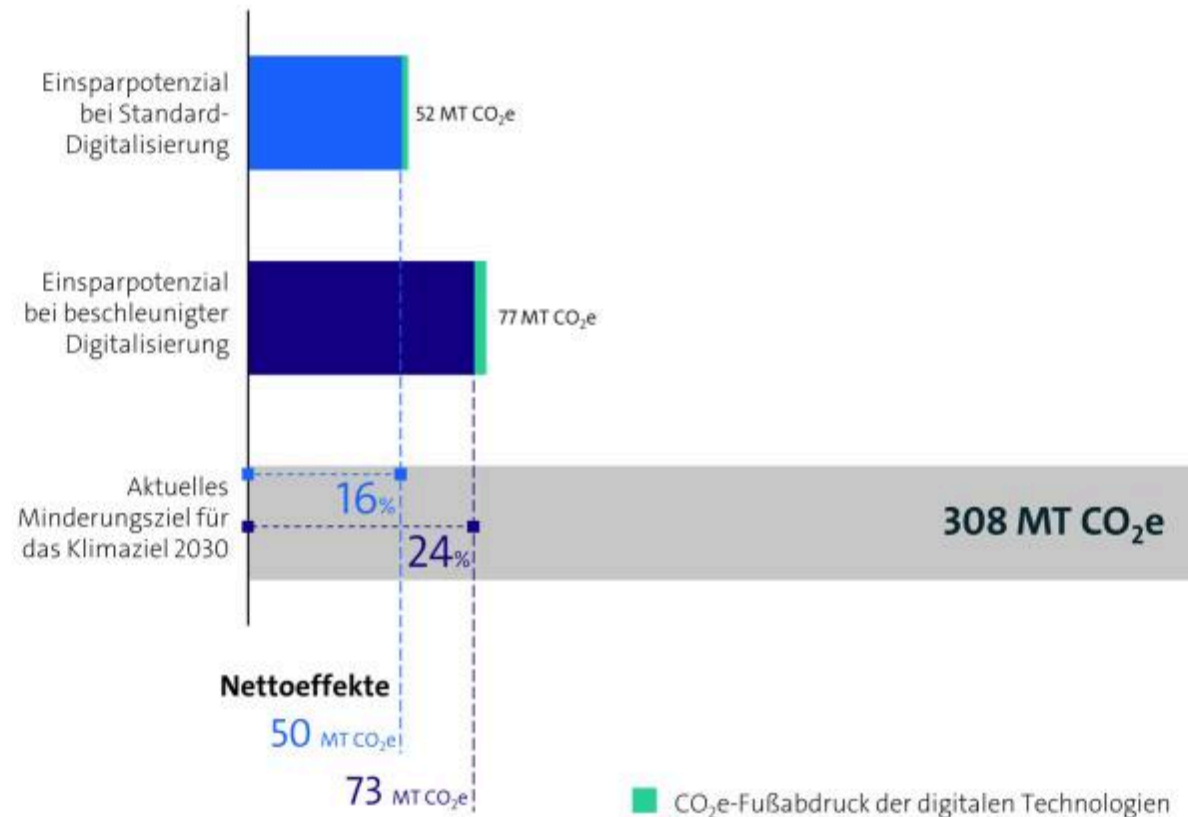




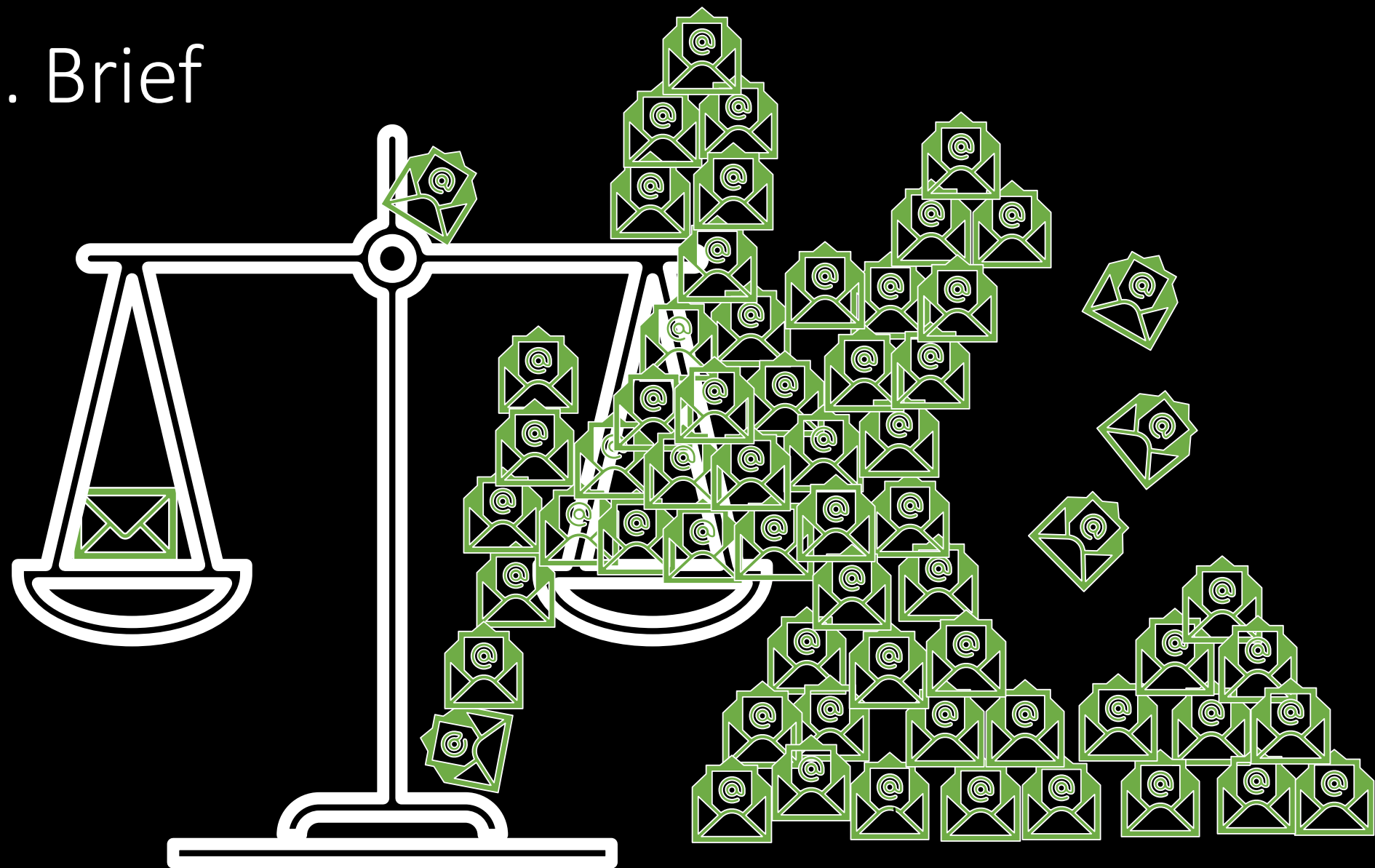
# Chancen durch Digitalisierung

## CO<sub>2</sub>e-Einsparpotenzial und Beitrag zum Klimaziel (gesamt)

[Alle Zahlen in MT CO<sub>2</sub>e bei mittlerer CO<sub>2</sub>e-Projektion]



# E-Mail vs. Brief



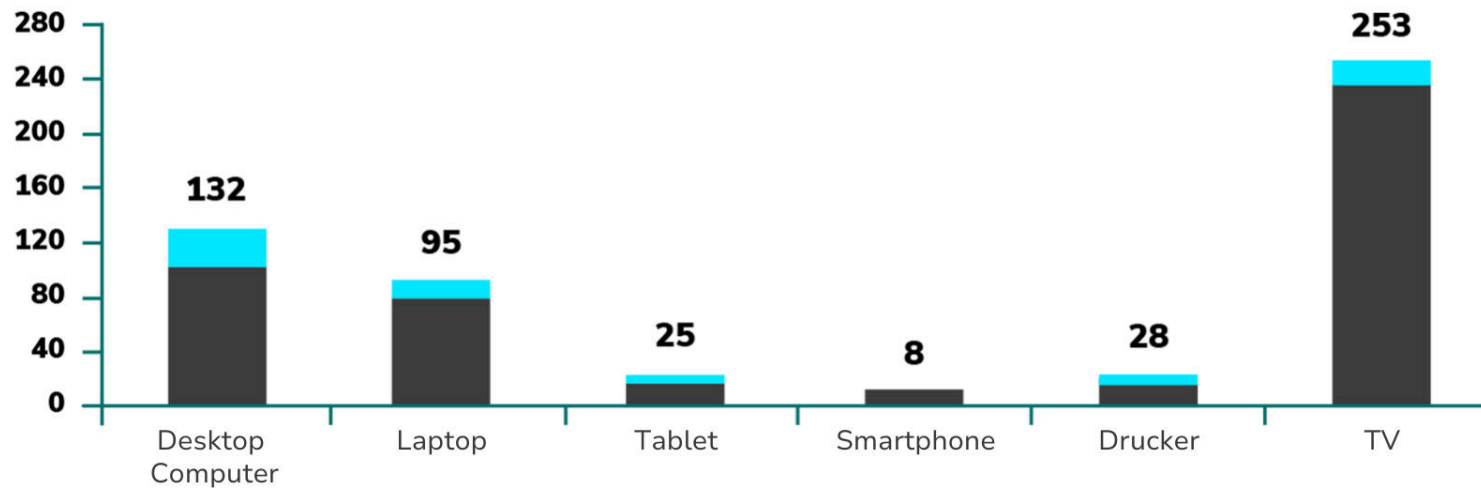
# Was kann ich tun?



# Brauche ich das neueste Gerät?

CO<sub>2e</sub> Emission pro IKT-Endgerät

kg CO<sub>2e</sub> / year



# Muss es immer gleich GenAI sein?

## What is Copilot in Windows?

New for Windows 11, Copilot in Windows is an AI-powered intelligent assistant that helps you get answers and inspirations from across the web, supports creativity and collaboration, and helps you focus on the task at hand.



Get help when you need it using Copilot in Windows



## Paint

Paint now comes with new tools to help you edit photos like a pro and create art like a visionary.

[Paint >](#)



## Photos

Crop, erase, and adjust colors and lighting—the Photos app can help you get your pictures just right.

[Photo movie editor >](#)



## Snipping Tool

AI in Snipping Tool makes editing easy, allowing you to copy and redact text from a screenshot image.

[Snipping Tool >](#)



## Clipchamp

In Clipchamp, AI gives you a headstart when editing footage to help you publish your masterpiece faster.<sup>2</sup>

[Clipchamp >](#)



## Windows Ink

Draw, design, and navigate the smart way. Now there's no need to put the pen down when in Windows 11.<sup>1</sup>



## Smart App Control

Smart App Control uses AI to predict which apps are safe to download and run on Windows 11.<sup>3</sup>

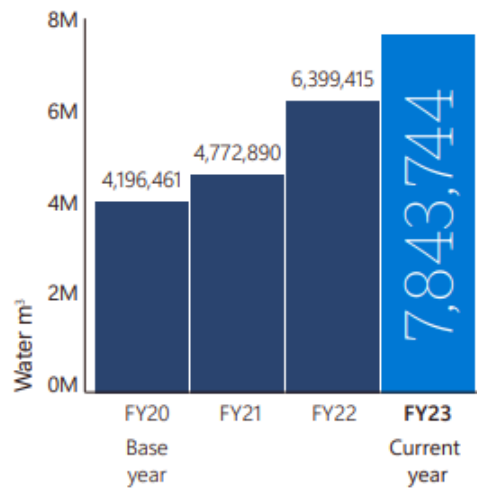
[Windows security >](#)

# Muss es immer gleich GenAI sein?

## Water Table 1—Measuring our annual water consumption informs our replenishment targets

In FY23, our water consumption increased in alignment with our business growth. This data from our operations informs the amount of water we need to replenish. See p28 for more information.

### Total water consumption



Find out more in our Data Fact Sheet



Business / Energy

## Three Mile Island is reopening and selling its power to Microsoft



By Jordan Valinsky, CNN

3 minute read · Updated 12:57 PM EDT, Fri September 20, 2024



Three Mile Island, which closed in 2019, is soon reopening. Andrew Caballero-Reynolds/AFP/Getty Images

Muss es immer gleich GenAI sein?



# Muss es immer gleich GenAI sein?

The image shows a Google search results page for the query "man eating burger". The search bar at the top contains the text "man eating burger" and a magnifying glass icon. Below the search bar, there are navigation options: "Q Alle", "Bilder" (selected), "Videos", "Nachrichten", "Karten", "Einkaufen", "Chat", and a settings gear icon. On the right side, there is a link "Dein Schutz, unsere Priorität." and a menu icon. Below the navigation, there are filter options: "Deutschland", "Abgesicherte Suche: streng", "Irgendwann", "Alle Größen", "Alle Farben", "Alle Arten", "Alle Bildformate", and "Alle Lizenzen". The main content is a grid of 30 image thumbnails, each with a small caption and dimensions. The captions include phrases like "Closeup Portrait Of Man Eating...", "Handsome Man Eating Tasty Burger Stock...", "Man Eating Burger...", "A Portrait of You...", "Happy Young Man Eating Hamburger Stoc...", "Young Man Eating Burger in Restauran...", "Food: Man Eating A Beef Burger" by Stoc..., "Young man eating...", "Young man eating...", "Man Eating Burger...", "Man eating Burger...", "Man Eating Burger In Fast Food Res...", "Man eating burger...", "Young Hungry Man Eating Huge Burger...", "close up man eating burger. High resol...", "Happy Young Man Eating a Big Burger Stoc...", "Man eating burger...", "Hungry African American Guy Eating Bu...", "Happy handsome man eatin...", "Man Eating Burger...", "Young Hungry Man Eating Huge Burger...", "guy eating a hamburger with many top...", "Young Man Eating Tasty Burger Stock P...", "Young Man Eating Burger in Restaurant...", "Close-up Portrait of Young Handso...", "Portrait of Hungry Black Man Eating...", "Man Eating Tasty Burger On Color Stoc...", "Burger Stock Photos. Royalty Free Burger L...", "Young Man Eating Tasty Burger Stock Phot...", "Man Eating Burger in Fast Food Restaurant...", "Man Eating Burger In Fast Food Restaurant...", "Senior man eating burger Stock Photo...", and "Man eating a har". The dimensions for each image are listed in the bottom right corner of the thumbnail, such as "1200 x 800", "800 x 534", "600 x 900", "600 x 900", "800 x 534", "1600 x 1156", "1200 x 801", "866 x 1390", "866 x 1390", "1001 x 1600", "866 x 1390", "900 x 600", "600 x 900", "1600 x 1157", "1300 x 955", "800 x 534", "866 x 1390", "1300 x 941", "1300 x 956", "1067 x 1690", "800 x 534", "614 x 410", "800 x 534", "800 x 533", "800 x 583", "1600 x 1140", "390 x 280", "600 x 400", "800 x 534", "800 x 534", "900 x 600", "1300 x 956", and "800 x 657".



# Free and open-source Software (FOSS)



# FOSS – Geräte länger nutzen

Table 3.2. Recommended Minimum System Requirements

Install Type	RAM (minimum)	RAM (recommended)	Hard Drive
No desktop	256 megabytes	512 megabytes	4 gigabytes
With Desktop	1 gigabytes	2 gigabytes	10 gigabytes

## Hardware requirements

To install or upgrade to Windows 11, devices must meet the following minimum hardware requirements:

- **Processor:** 1 gigahertz (GHz) or faster with two or more cores on a compatible 64-bit processor or system on a chip (SoC).
- **Memory:** 4 gigabytes (GB) or greater.
- **Storage:** 64 GB or greater available disk space.

### Note

There might be more storage requirements over time for updates, and to enable specific features within the OS. For more information, see [Windows 11 specifications](#).

- **Graphics card:** Compatible with DirectX 12 or later, with a WDDM 2.0 driver.
- **System firmware:** UEFI, Secure Boot capable.
- **TPM:** Trusted Platform Module (TPM) version 2.0.
- **Display:** High definition (720p) display, 9" or greater monitor, 8 bits per color channel.
- **Internet connection:** Internet connectivity is necessary to perform updates, and to download and use some features.
  - Windows 11 Home edition requires an internet connection and a Microsoft Account to complete device setup on first use.

# Was tut sich so in der Welt?



windcloud.de



windcores.de



# Fazit und Was kann ich tun?

- Der ITK-Sektor trägt zum Ausstoß von CO<sub>2</sub>e bei
- Wir können Technologie verantwortungsvoll nutzen, um CO<sub>2</sub> Ausstoß zu vermeiden
- Wir können uns in Communities und in unserem Umfeld für das Thema engagieren

# Noch Fragen, Partner?

