

Bootable USBs Ultimate USB v2.1

Bootable USBs Ultimate USB v2.1 All-in-One Bootable Supertool Instruction Manual

Your comprehensive guide to setup, operation, and advanced features.

1. PRODUCT OVERVIEW

The Ultimate USB v2.1 is a portable bootable media and troubleshooting supertool designed for rapid, seamless operation across various scenarios. Featuring high-speed USB 3.2 Gen2 with both USB-A and USB-C interfaces, it delivers read and write speeds over 1000 Mbps. This device supports system recovery, backups, password recovery, and offers a fully portable operating system complete with offline AI capabilities. Each unit is housed in a custom 3D printed case.



Image: The Ultimate USB v2.1, showcasing its unique custom 3D printed case with a hacker's mask design.

Key Highlights:

- **ALL-IN-ONE SUPER DEVICE:** A comprehensive toolkit for forensics, pen testing, hacking, privacy, server management, desktop productivity, gaming, and more—including system recovery, backups, and password resets.
- **BLAZING FAST PERFORMANCE:** Enjoy lightning-fast read/write speeds over 1000 Mbps via high-speed USB 3.2 Gen2 with dual USB A/C interfaces.
- **PORTABLE AI POWERHOUSE:** Pre-installed LLM models (DeepSeek & LLama) on Windows 11 Pro Lite deliver offline AI capabilities for on-the-go innovation.
- **PERSISTENT PRODUCTIVITY:** Fully functional OS images empower you to save work, install apps, and upgrade systems wherever you are.
- **INFINITE VERSATILITY:** Boot, recover, troubleshoot, and play with over 50 preloaded operating systems—from antivirus & rescue to gaming and network tools.

MORE THAN JUST A **USB**

PRIVACY & ANONYMITY



Become invisible and untraceable, even on the dark web

AI ON THE GO



Take Artificial Intelligence with you wherever you go. Use these powerful LLMs even without internet, completely private

NETWORK SECURITY



Advanced tools for monitoring, defense, and penetration testing.

PEN TESTING & OFFENSIVE SECURITY



Powerful tools for ethical hacking, vulnerability assessment, and penetration testing.

Image: A visual representation of the USB's diverse capabilities, including privacy and anonymity, AI on the go, network security, and pen testing/offensive security.

2. SETUP GUIDE: BOOTING FROM THE ULTIMATE USB

To utilize the Ultimate USB, you will need to configure your computer to boot from the USB device. This typically involves accessing your computer's BIOS/UEFI settings or a boot menu during startup.

2.1. Inserting the USB Drive

Ensure your computer is powered off. Insert the Ultimate USB into an available USB-A or USB-C port on your computer. The device features a dual A/C interface for broad compatibility.



Image: The Ultimate USB v2.1, highlighting its compact design and dual USB-A and USB-C connectivity options.

2.2. Accessing the Boot Menu or BIOS/UEFI

Power on your computer. Immediately and repeatedly press the designated 'Boot Menu Key' or 'BIOS/UEFI Key' for your specific computer model. Common keys include F2, F10, F12, Esc, or Del. Consult your computer's manual or manufacturer's website if you are unsure which key to press.

Video: Demonstrates the process of inserting a USB drive, powering on a laptop, and repeatedly pressing a boot menu key (F12) to access the boot options. It then shows selecting the USB drive from the boot menu.

Video: Illustrates the steps to insert a USB drive, power on a computer, and repeatedly press the appropriate key (e.g., F12, ESC,

F9, F8, F11) to enter the boot menu. It highlights selecting the USB drive from the displayed boot options.

Video: Provides a detailed guide on how to change the boot order in BIOS (UEFI) to boot from a USB flash drive for Windows installation or another OS boot disk. It shows navigating BIOS settings to prioritize the USB drive.

Video: Demonstrates the process of inserting a USB drive into a laptop, powering it on, and repeatedly pressing the boot menu hotkey (F12 in this example) to access the boot device selection. It shows selecting the USB drive from the list.

2.3. Selecting the USB Drive

Once in the boot menu, use your keyboard's arrow keys to navigate and select the Ultimate USB from the list of bootable devices. It may appear as "USB HDD," "UEFI: [USB Drive Name]," or similar. Press Enter to confirm your selection.

2.4. Disabling Secure Boot (If Necessary)

Some systems, particularly newer ones, may have 'Secure Boot' enabled in the BIOS/UEFI settings, which can prevent booting from external devices. If you encounter issues, you may need to enter the BIOS/UEFI setup (usually a different key than the boot menu, or an option within the boot menu) and disable 'Secure Boot' before attempting to boot from the USB.

Video: Explains how to enable the boot menu and disable Secure Boot from BIOS settings. It shows examples from different devices, highlighting where to find these options within various BIOS interfaces.

3. OPERATING SYSTEMS AND TOOLS

The Ultimate USB v2.1 comes preloaded with over 50 operating systems and tools, categorized for various uses. Upon successful boot, you will be presented with a menu to select your desired environment.

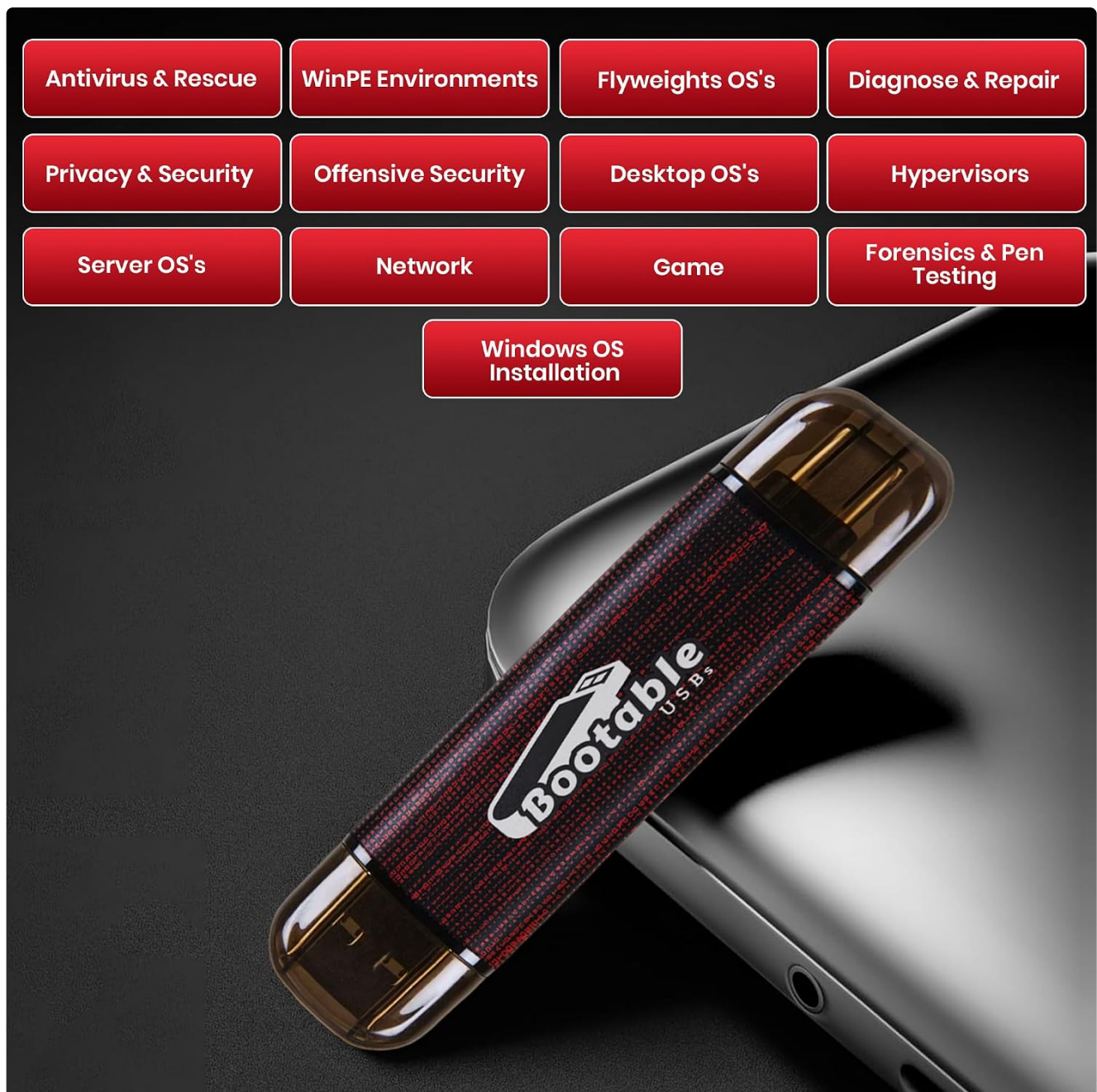


Image: A visual breakdown of the diverse categories of operating systems and tools included on the Ultimate USB, such as Antivirus & Rescue, WinPE Environments, Desktop OS, and Forensics & Pen Testing.

Available Environments & Tools:

- **Antivirus & Rescue:** Avira System Rescue, Dr Web Live
- **Desktop OS:** Debian, Elementary OS, Garuda Linux, Linux Mint Cinnamon, Manjaro Gnome, MX Linux, PopOS, Ubuntu, Windows 11 Pro Lite AnkhTech, Zorin OS
- **Flyweights:** antiX, bodhi, BookwormPup64, Peppermint OS
- **Forensics:** Caine, deftZ, Paladin Edge
- **Games:** Batocera, Lakka
- **Hypervisor:** OpenMediaVault, ProxMox, xcp-ng
- **Misc Tools:** Boot Repair Disk, CloneZilla, Gparted, Shred OS
- **Multi Tools (WinPE Repair/Rescue):** Ankh Technology Emergency OS, AnkhTech WinPE, Hiren's Boot CD, Mediat, RescueZilla, Sergei Strelec WinPE, SystemRescue, WinPE
- **Network:** OPNsense
- **Pen Testing & Offensive Security:** Athena, BackBox, BlackArch Slim, Fedora Security Live, Kali Linux,

Parrot Security, Pentoo

- **Privacy & Security:** Kodachi, NST, PureOS, Qubes, RoboLinux, Tails
- **Server OS:** Fedora Server, openSUSE Leap, Rocky Linux, TrueNAS, Ubuntu Server
- **Windows Installation Media:** Win10 22H2 Enterprise, Win11 23H2, Win11 24H2 AnkhTech V2
- **zzUSBstorage:** Extra space dedicated to your personal files

Video: An overview of Linux operating systems, explaining their benefits over traditional OS and showcasing various distributions. It highlights how a bootable USB allows users to try Linux live without modifying their existing system.

Video: A brief demonstration of various Linux distributions available on a bootable USB, including Ubuntu and Linux Mint, highlighting their interfaces and ease of use for beginners.

4. SPECIFICATIONS

Feature	Detail
Model Name	Ultimate USB v2.1
Brand	Bootable USBs
Read Speed	1000 Megabytes Per Second
Write Speed	1000 MB/s
Hardware Interface	USB 3.2 Gen 2
Hardware Connectivity Technology	USB Type A, USB Type C
Memory Storage Capacity	256 GB
Special Feature	Dual USB Connector
Item Weight	8 ounces
Package Dimensions	9 x 5 x 2 inches
Color	Pink

5. TROUBLESHOOTING

If you encounter issues while using your Ultimate USB, consider the following troubleshooting steps:

- **Verify Boot Order:** Ensure your computer's BIOS/UEFI settings are configured to prioritize booting from USB devices. Refer to Section 2.2 for guidance.
- **Disable Secure Boot:** If you receive a security-related error or cannot boot from the USB, try disabling 'Secure Boot' in your BIOS/UEFI settings. This is a common requirement for booting from non-standard operating systems.
- **Try Different USB Port:** Some USB ports may have different power delivery or compatibility characteristics. Try using a different USB port (e.g., a USB 3.0/3.2 port if available, or a different physical port).
- **Check USB Connection:** Ensure the USB is fully and securely inserted into the port.
- **Consult Manufacturer Documentation:** For specific BIOS/UEFI access keys or settings related to your computer model, refer to your computer manufacturer's official documentation.

6. WARRANTY AND SUPPORT

For product support, technical assistance, or warranty inquiries, please contact Bootable USBs customer service through the platform where the product was purchased. Keep your purchase receipt and product details readily available.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

I have a Dell 7750 64-bit pre-loaded with Ubuntu 20.04 LTS. There is no 'Boot from USB' option in the BIOS setup, and I must select a specific file to boot. What file should I select to boot the Bootable USBs Ultimate USB v2.1 (Ventoy) stick?

To boot the Ultimate USB v2.1 (which uses the Ventoy bootloader) on a Dell Precision 7750 or similar UEFI-based system where you must manually select a boot file, you should navigate to the following...

[Read full answer](#)