




IGEL UD Pocket Manual

UD Pocket boots IGEL OS on your computer. However, it does not make any changes to the operating system already installed on the hard disk, SSD, or flash storage – UD Pocket runs entirely from the USB stick.

UD Pocket, like all IGEL operating systems, can be managed centrally using the IGEL Universal Management Suite (UMS). UD Pocket uses IGEL OS, which is described in detail in the IGEL OS Reference Manual.

UD Pocket has a partition which contains this manual and is readable under Windows. The manual describes setting up and starting UD Pocket on your computer.

 This manual applies to UD Pocket and UD Pocket2.

Requirements

In order to use UD Pocket, your computer must meet the following requirements:

- 64-bit-capable CPU
- At least 2 GB RAM
- Intel, ATI/AMD, or Nvidia graphics chip
- USB 3.0 or 2.0 port from which the computer can boot
- Ethernet or wireless adapter

You will find a detailed list of supported graphics and network chips in the [IGEL Linux 3rd Party Hardware Database](#)¹.


For the list of devices supported by OSC and UD Pocket, see [Devices Supported by IGEL OS 11](#).

Boot Settings

UD Pocket works on systems with BIOS and UEFI.


It is essential that your system supports booting from USB storage media. This may already be enabled, or you may have to enable it yourself. The required key presses for this may vary from vendor to vendor. However, here are some hints:


- ▶ While the device is booting, try pressing [F12] (in general), [F10] (Intel devices), or [F9] (Hewlett-Packard devices) in order to access a list of boot devices and select UD Pocket.
- ▶ If the above does not work, access the BIOS settings via pressing [Del], [F1], or [F2] during boot and activate booting from USB storage media and/or change the boot order.
- ▶ See the BIOS/UEFI documentation for your system for details on how to boot from USB storage media.


 On modern computers such as secured-core PCs (see e.g. <https://www.microsoft.com/en-us/windows/business/devices?col=secured-core-pcs>), there may be a BIOS setting related to Secure Boot that allows the use of Microsoft's 3rd party UEFI Secure Boot Certificate. The usual description of such a BIOS setting is "Allow Microsoft 3rd Party UEFI CA". This setting must be set to enabled, as IGEL uses the 3rd party certificate to support UEFI Secure Boot. If UEFI Secure Boot is enabled, but "Allow Microsoft 3rd Party UEFI

¹ <https://www.igel.com/linux-3rd-party-hardware-database/>

CA" is not enabled, you may be unable to boot IGEL OS Creator or UD Pocket. Similarly, if the setting "Allow Microsoft 3rd Party UEFI CA" is disabled after a previous installation of IGEL OS, IGEL OS will fail to boot. For how to enable the setting, see Secured-Core PCs: Microsoft 3rd-Party UEFI Certificate for Secure Boot.

 IGEL OS supports UEFI Secure Boot. Refer to the manual of your device's manufacturer to learn whether your device supports Secure Boot and how to enable it. Enabling Secure Boot often consists of two steps. First, the boot mode has to be changed to UEFI Boot in the BIOS; after that, Secure Boot can be activated, also in the BIOS. How to check whether Secure Boot has been properly enabled, you can learn under Verifying that Secure Boot is Enabled.

 If UD Pocket fails to boot in UEFI mode, try it in legacy/BIOS mode. If this does not help, try another endpoint device to verify that the UD Pocket is functional and/or check for BIOS updates for your endpoint device and for the latest IGEL OS updates.

 Do not remove UD Pocket from the computer until you have shut down the IGEL OS contained on it. Otherwise, you can damage the operating system on UD Pocket and lose your settings as well as data on other removable media.

Starting Your IGEL UD Pocket

The First Boot Procedure

1. Plug the UD Pocket into a free USB slot of your device.
2. Turn on your device; if the device is already switched on, restart it.

Should the UD Pocket Boot-Up Fail

► If the device does not boot into UD Pocket, but into its pre-installed operating system instead, change the boot settings appropriately. For further information, see "Boot Settings" above.

After the First Boot-Up

The Setup Assistant guides you through the basic configuration. For a detailed description of each step, see Setup Assistant for IGEL OS.

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