## WELCOME TO

# REPURPOS





10ZiG

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Creating a Template from the RepurpOS USB Boot Key Using 10ZiG Manager

## **ABOUT THIS DOCUMENT**

Welcome to RepurpOS<sup>™</sup>

This installation and setup document guide is an introduction to getting started with our 10ZiG Repurposing Software – FREE to Use! FREE to Manage!

In here, we'll walk you through building your installer boot key to running RepurpOS "live" from the boot key, all the way to installing it to an existing or legacy device hard drive.

Any bumps in the road? 10ZiG is here for you! Simply reach out to our helpful and friendly Tech Support Teams at <u>support@10ZiG.com</u> (USA) and <u>support@10ZiG.eu</u> (EMEA).

Prefer to call? Contact us > <u>HERE!</u>

We're happy to assist!

## Building the RepurpOS USB Boot Key

1. Follow the link or QR code below to download the RPOS installer.



10zig.com/RepurpOS-Welcome

2. Once downloaded from the 10ZiG website, run the RPOS installer to build your boot key.

Image         Image           File         Home         Share         View         Application To	RPOSInstaller	- □ ×
Pin to Quick Copy Paste access Copy Date shortcut Clipboard	Detete Rename New Tolder Organize New New Oppn	en * Belect all It Select none tory Pinvert selection Select
← → ~ ↑ 📜 « RP → RPOSI v	D Search RPOSInstaller	
<ul> <li>Bocuments</li> <li>Downloads</li> <li>Music</li> <li>Fitures</li> <li>Videos</li> </ul>	Name     RPOS.files     RPOS-64_16.4.34.2.iso     Were RPOSInstaller.rec     All RPOSInstaller.rec	No preview available.
L. Windows (C:)		



10ZiG RPOS Installer -	× 10ZiG RPOS Installer
	10ZiG R
Drive Properties	Drive Properties
Device	Device
USB-DRIVE (F:) [64GB]	USB-DRIVE (F:) [64G
USB-DRIVE (F:) [64GB]	Boot selection
Disk or ISO image (Please select) ~ SELECT	Disk or ISO image (F
Status	Status
CLOSE	0 0
1 device found	1 device found

Device	
USB-DRIVE (F:) [64GE	8]
Boot selection	
Dick or ICO impage (D	
Disk of ISO Image (P	lease select)
Status	lease select) ~ SEL
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Status	lease select) × SEL

- 3. Select the USB drive to build your boot key onto.
- Select the ISO disk image to write to the RepurpOS boot key.

onverropences		
Device		
USB-DRIVE (F:) [64G8]		
Boot selection		-
RPOS-64_16.4.34.iso		SELECT
Status		
Copying	SO hies	
0.12	CTART	CANCEL
0 0	START	CANCEL
\packages\vmware-view.sguash (273	0 MB)	00:03:

5. The boot key build process in motion.

10ZiG RPOS Installer		1000	11	×
	Installer			
Drive Properties				
Device				
16.4.34 (F:) [64GB]				~
Boot selection				
RPOS-64_16.4.34.iso	~		SELE	CT
Status				
	READY			
100				
0 🖸	STAF	रा	CLO	SE
				-0
1 device found			1	00:05:19

6. The USB boot key built and ready.







#### Press "F10" to "Exit Saving Changes"

## Booting from the RepurpOS USB Boot Key

Boot the legacy device and modify the BIOS to boot from the RepurpOS USB key. Enter the BIOS by pressing the ESC key once you hear the boot beep.

#### Click this link for information on "UEFI Secure Boot."

Navigate to "Boot" menu option and set "USB Boot" to enabled.

		InsydeH20	Setup Uti	ility	
Main	Advanced	Security	Power	Boot	Exit
Quiet	Boot				< Enabled >
Netwo	ork Stack				<disabled></disabled>
PXE B	oot Capability	/			<disabled></disabled>
USB B	oot				<enabled></enabled>

		Insyd	leH20 Se	tup Utilit	y	
Main	Advanced	Security	Power	Boot	Exit	
Exit Sa Save ( Exit Di Load ( Load (	aving Change Change Witho Iscarding Cha Optimal Defai Custom Defai	s out Exit inges ults ults				
Discar	d Changes		Exit Savir [Yes	ng Chang 3] [No]	ges	

RepurpOS booting from the USB key.



## **Running RepurpOS Live from the USB Boot Key**

Inside the "Configuration Wizard" on first boot.

Configuration Wizard Time Time: 08:17 Timezone: America Phoenix Date Date: Date: I4 Jul 2023 Time Server NTP Server address: NTP Server Address	Parallels-RDP-client   Chrome   Chrome   Citrix   Firefox   Microsoft Remote Desktop   Parallels RDP Client   Shell Script   Terradici-PCoIP-client   TS250e emulator   VMware   VMware   VNC Launcher   VNC Viewer   VNC Viewer   VT xterm Terminal Emulator (PUTTY)
< Back	

You can configure local apps on USB boot key in "Live" mode.



Installing RepurpOS from USB Boot Key to a Local Legacy Hard Disk

Once you're ready, you can install from the USB key to the local legacy hard disk. This will port everything over from the key to the fixed drive, including all changed settings and any configured applications/connections carried out in "Live" mode.



The RepurpOS installation to fixed disk in progress.



Preparing to reboot the device, following successful installation of RepurpOS.



### **Securing Your RepurpOS Environment**

You also have the ability make sure your RepurpOS environment is fully secure, whether it's running "live" from the key or installed to a local drive. Using the methods below, will allow you to lock out the desktop from access to the "Control Panel" any connection options. You can also limit the applications shown on the "Start Menu" too.

Right click on the desktop and select "Control Panel" and then click on "Security Settings", as shown below.



You can password protect the terminal configuration, so that once it's secure, the operating system cannot be tampered with. Simply tick the box marked "Require password to modify the terminal configuration", key in the password and click "Save".



Any attempts to access areas controlled by password protection will prompt for it as shown below, this includes such things as "Connection" maintenance and the "Control Panel" and its applets.



If you wish to allow your users access to specific configuration items even with password protection enabled, then you can tick these items inside the "Security Settings" and they will appear in the menus on the taskbar.

The configuration shown on the previous page will still allow the "Sound", "Keyboard" and "Mouse" options to be available in the "Gears" menu, and access to "Power" options, even though password protection is switched on.



Control Panel





## Creating a Template from the RepurpOS USB boot key using 10ZiG Manager

You can take a template image from either your RepurpOS USB boot key or the installed final image using 10ZiG Manager.

This is really useful, if for example, you have a bunch of legacy devices that you want to transform and have finished creating a RepurpOS boot key with all your changes and any apps installed on it.

You can simply boot up with the USB key in "Live" mode, and then inside 10ZiG Manager, create a template that can be used to deploy en-masse to your existing or legacy devices.

0ZiG Manager Console											-	
ile Tools Help												0ZiG
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Search (0)	U Name	A IP MAC	PL	atform Model	Version	Template	Template Applied	System Drive	RAM	Last Responded		
Thin Clients (1)	Online		_									
Windows Thin (lights (0)	🔄 👗 10ZiG-2b19e4	Power on (WOL)	- 8	OS 6002q	16.4.34.2			29.83 GB	3.54 GB	20/07/2023 14:25:18		
Windows Ihin Clients (0)	Thin Client Jobs	Add scheduled task									Jobs Visible: 50	
	Time	Image management		dof	Statu	15	Details					
		System										
		Configuration	•	Edit	1							
		Client Automatic naming	•	Retrieve								
		Firmware update		Send	_							
		VNC		Clone from another								
			-	Generate template								
		Generate report		Apply template								
		Delete		Manage templates								
Clients Image Recovery		Kename	_	Reset to Factory Defau	lt							
		Refresh		Delete							10	ZiG-2b19e-
		Keregister										
		Properties										



Naming the new template.

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disting template to repla	se with the new configuration set.					
769616						
Name	Description/Comment					
	Template Name: RepurpOS-Template-Multiple-Apps					
		2				

Just as simple as it was to create a template, it's just as simple to apply it to your devices. You can apply it to either a single device or multiple devices if you have more than one unit that you want to RepurpOS. Selecting the template to apply.

elect a template comiguratio	on set to apply.	
2 🗅 🦻 🖬 🗖 🗖		
Name	Description/Comment	
RepurpOS-Template	e-Multiple-Apps	
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Thin Clients (1)	Online	- IP MAL	PI	atrorm Model vers	on lemplate	Template Applied	System Drive	KAM	Last Responded		
Chine	🛀 着 10ZiG-2b19e4	Power on (WOL)	ĸ	:OS 6002q 16.4.	4.2		29.83 GB	3.54 GB	20/07/2023 14:27:18		
	Thin Client Jobs	Add scheduled task								Jobs Visible: 50	
	Time 7/20/2023 2:27:29 PM	Edit scheduled task Image management System	:[	Job Generate configuration template	Status Succeeded	Details Successfully generated co	nfiguration templat	e RepurpOS-	Template-Multiple-Apps' f	rom '102iG-2b19e4'.	
		Configuration	•	Edit	1						
		Client Automatic naming Firmware update	•	Retrieve Send							
		Download logs VNC		Clone from another Generate template							
		Generate report	[	Apply template							
		Delete		Manage templates							
Tents Image Recovery		Rename		Reset to Factory Default							
		Refresh Reregister		Delete						10.	IZiG-2b
		Properties									



### **UEFI Secure Boot**

If your device supports UEFI secure boot then you need to either disable it or set it to "Legacy Boot Type", as RepurpOS only supports "Legacy Boot". The example shown below describes how to set a 10ZiG 6100 boot type to "Legacy".

Inside the Setup Utility of the BIOS, your "Boot Type" might show up as "UEFI Boot Type", as displayed below.

				InsydeH20 Setup Utility		
	Main	Advanced	Security	Power	Boot	Exit
	Boot Type					<uefi boot="" type=""></uefi>
	Quiet Boot					<enabled></enabled>
Onboard LAN Boot ROM						<disabled></disabled>
PXE Boot Capability						<disabled></disabled>
	USB Boot					<enabled></enabled>

Boot Type Dual Boot Type Legacy Boot Type UEFI Boot Type Click on the "UEFI Boot Type" and then when the "Boot Type" type box appears, just highlight, or click on the "Legacy Boot Type" option and press enter.

The "Boot Type" should now show as "Legacy Boot Type" as below.

Once set to "Legacy Boot" press enter and then press "F10". You'll be prompted to "Exit Saving Changes" so just press enter and your device will now reboot as a "Legacy" device.



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