

FAQ	/ Application	Note
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Subject : How to restore	e Android 8.1			
FAQ Document No:		Date: 2020/	10/19	
Model Name: Generic		Rev. A2		
Category:]H/W ■S/W □Othe	rs, <u>Android</u>		
Purpose: How to use an USB key t	to recover Android 8	.1 OS for Avalue pa	anel PC	
nvironment:				
System Model:				
BIOS version:				
Software Tool:	Universal USB	Installer (<u>Download</u>)	
USB Stick:	2GB or larger	USB key		
Android 8.1 image file:	8.1-r5-rc7_use	erdebug_android_x8	6_64	
	(Please contac	ct Avalue AE to get th	he image if necessary)	
2) Install Android-x64 with	USB installer			
Avalue Technology Inc.	lue Europe	Avalue USA	7F, 228, Lian-Cheng Road, Chui BCM Advanced Research	ng Ho City, Taipei, Taiwan R.O.C.

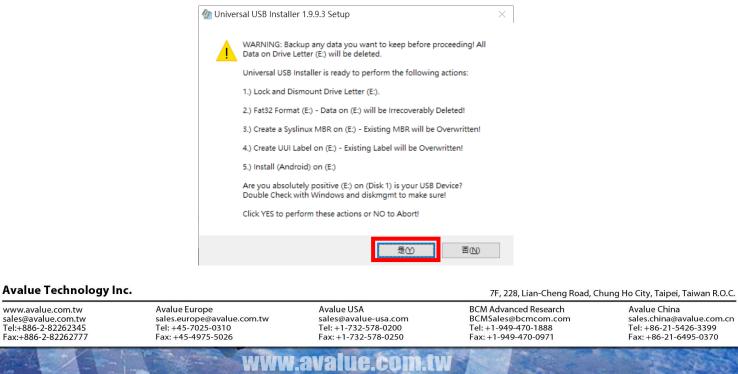


(1) To create Android-x86 USB installer

- 1. Plug-In your USB disk into you PC and Run Universal USB Installer setup program.
- 2. Follow the step to select the setting as below:
 - Step 1: Android
 - Step 2: Mark [Show All ISOs?] then click [Browse] to select the image .iso file
 - Step 3: Select the correct Drive (USB disk) and tick the "Fat32 Format Drive"

Choose a Distro, related ISO/ZIP file and, your USB Flash Drive. Step 1: Android Selected. Go to step 2. Android Local iso Selected. Visit the Android x86 Home Page	Choose a Distro, related ISO/ZIP file and, your USB Flash Drive.	🍖 Universal USB Installer 1.9.8.0 Setup			
Android Local iso Selected. Visit the Android x86 Home Page Step 2: 8.1-r5-rc7_userdebug_android_x86_64.iso Selected Showing *IS D:\OS\Android\SW_Work\OFT-xxW33\8.1-r5-rc7_userdebug_android_x86_{f} Browse Step 3: Drive E: Selected. Show all Drives (USE WITH CAUTION) E:\ 117GB FAT32 FDD	Android Local iso Selected. Visit the Android x86 Home Page Step 2: 8.1-r5-rc7_userdebug_android_x86_64.iso Selected Showing *ISC D:\OS\Android\SW_Work\OFT-xxW33\8.1-r5-rc7_userdebug_android_x86_6 Browse Step 3: Drive E: Selected. Show all Drives (USE WITH CAUTION) E:\ 117GB FAT32 FDD Image: Selected		← USB Pendriveli	Install nux.com	er Ø
Visit the Android x86 Home Page Step 2: 8.1-r5-rc7_userdebug_android_x86_64.iso Selected D:\OS\Android\SW_Work\OFT-xxW33\8.1-r5-rc7_userdebug_android_x86_€ Browse Step 3: Drive E: Selected. Show all Drives (USE WITH CAUTION) E:\ 117GB FAT32 FDD	Visit the Android x86 Home Page Step 2: 8. 1-r5-rc7_userdebug_android_x86_64.iso Selected D:\OS\Android\SW_Work\OFT-xxW33\8.1-r5-rc7_userdebug_android_x86_f Browse Step 3: Drive E: Selected. Show all Drives (USE WITH CAUTION) E:\ 117GB FAT32 FDD		ed.		
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			ormat E:\		
Home Page FAQ Recommended Flash Drives		Iniversal USB Installer https://www.pendrivelinux.com ————	Create	Cano	el

3. Click <Create> to start the USB Installer setup process, the program will pop up a warning message, click <Yes> to continue the process.





4. After the process is completed, click <Close> to close this process.

Installation Complete		Pendrivelin	Installer
Universal USB Installer copied bcx30_8.1-r5_1.0_userdebug_and	droid_x86_64 to E:		
Process is Complete!			
C:\Users\YOKU_C~1\AppData\L	ocal\Temp\nsa8833.tmp\U	ni-USB-Installer-Rea	dme.t ^
已複製 1 個檔案			
C:\Users\YOKU_C~1\AppData\Lo	ocal \Temp \nsa8833.tmp \id	ense.txt -> E: \icens	se.txt
已複製 1 個檔案 Checking if we need to replace ve		and chain c22	
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Copy to E:\isolinux\chain.c32	fulfit ti facul da		
Found vesamenu.c32 at E:\isolin	ux\vesamenu.c32		
Copy to E:\isolinux\vesamenu.c3	2		
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5. When your system boot from this USB disk, it will start the Android-x86 install process automatic.

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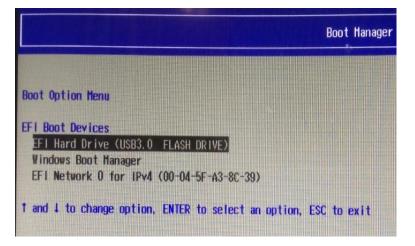
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(2) Deploy Android-x86 with an USB installer

1. Plug the USB key Android image to your target device, then boot up your target device with pressing F11 or F12 on the keyboard at BIOS POST screen, to choose boot from the USB key.



2. Select Installation item.

	Enter: Boot Selection	E: Edit Selection	C: GRUB Commandline	
	Android-x86 2020	0-10-05 Live DEBUG mode 0-10-05 Installation		
	Advanced options	5 ->		
			Ú.	
android	l-x86.org		aus:	CIOR
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3. Start image recovering process

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	D usbcore: registered new interface driver uns-cypress D usbcore: registered new interface driver uns-cypress
I 2.161945	i] usbcore: registered new interface driver ums-datafab
[2.190530 [2.221130	l] usbcore: registered new interface driver ums_eneub6250 l] usbcore: registered new interface driver ums-freecom
[2.249991] usbcore: registered new interface driver ums-isd200
[2.284069 [2.315121	l usbcore: registered new interface driver uns-jumpshot J usbcore: registered new interface driver uns-onetouch
E 2.344535] usbcore: registered new interface driver ums-realtek
[2.374230	ul usbcore: registered new interface driver uns-sddr09 1 usbcore: registered new interface driver uns-sddr55
	Jushcore: registered new interface driver uns-subst
	1 i8042: PMP: PS/2 Controller [PMP0303:PS2K,PNP0f03:PS2M] at 0x60,0x64 irg 1,12
	1] serio: i8042 KBD port at 0x60,0x64 irq 1 1] serio: i8042 AUX port at 0x60,0x64 irq 12
I 2.549528] usb 1-1: new full-speed USB device number 2 using ohci-pci
L 2.577734	3 hu_umbus: registering driver hyperv_keyboard 3 mousedeu: PS/2 mouse device common for all mice
[2.637708] rtc_cmos rtc_cmos: registered as rtc0
I 2.695622	l rtc_cmos rtc_cmos: setting system clock to 2020-10-19 11:45:23 UTC (1603107923) I rtc_cmos rtc_cmos: alarms up to one day, 114 bytes nuram
I 2.723288	I IR Sharp protocol handler initialized
[2.781126	'] IR XMP protocol handler initialized] device-mapper: uevent: version 1.0.3
[2.808691	l device-mapper: ioctl: 4.39.0-ioctl (2018-04-03) initialised: dm-devel@redhat.com l sdhci: Secure Digital Host Controller Interface driver
	1 sanci. secure pigitai nost controller interface ariter 1 sanci: Copyright(c) Pierre Ossana
	1) schlor-pltfm: SDHCI platform and OF driver helper
[2.950546] hidraw: raw HID events driver (C) Jiri Kosina] usbcore: registered new interface driver usbhid
[2.978291	.] usbhid: USB HID core driver
F 3 036804)] ashmem: initialized .] oprofile: using NMI timer interrupt.
I 3.068527	'] xt_time: kernel timezone is -0000
L 3.099902	3] Initializing XFRM netlink socket 13] NET: Registered protocol family 10
[3.158413	3 Segment Routing with IPv6
	.] mip6: Mobile IPu6] sit: IPu6, IPu4 and MPLS over IPu4 tunneling driver
I 3.246661	.] usb 1-1: New USB device found, idVendor=80ee, idProduct=0021, bcdDevice= 1.00
[3.276801	.] NET: Registered protocol family 17 '] usb 1—1: New USB device strings: Mfr=1, Product=3, SerialNumber=0
[<u>3.338231</u>	.1 NET: Registered protocol family 15
[3.368165	il usb 1–1: Product: USB Tablet 1] NET: Registered protocol family 35
I 3.424822	1] NET: Registered protocol family 35 1] usb 1-1: Manufacturer: VirtualBox 1] mee: Using 0 MCE banks
r <u>3452000</u>	
[3.452038	3 sched_clock: Marking stable (3471301990, 12097072)->(3583978351, -100579289)
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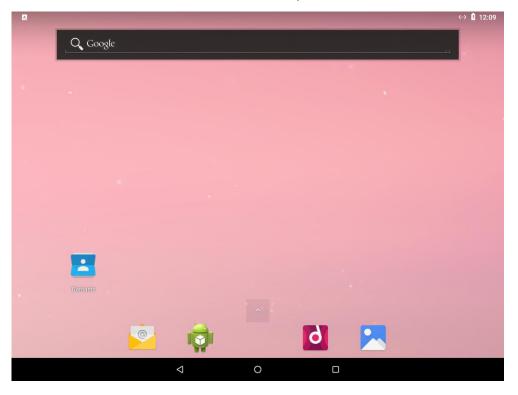
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4. When installation process is finished, press Enter to reboot.



5. Reboot and after boot into Android OS, it will show desktop screen.



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