

# Barco E2 / E2 Gen 2 / S3 / EX / ImagePRO-4K ISO Upgrade Procedure

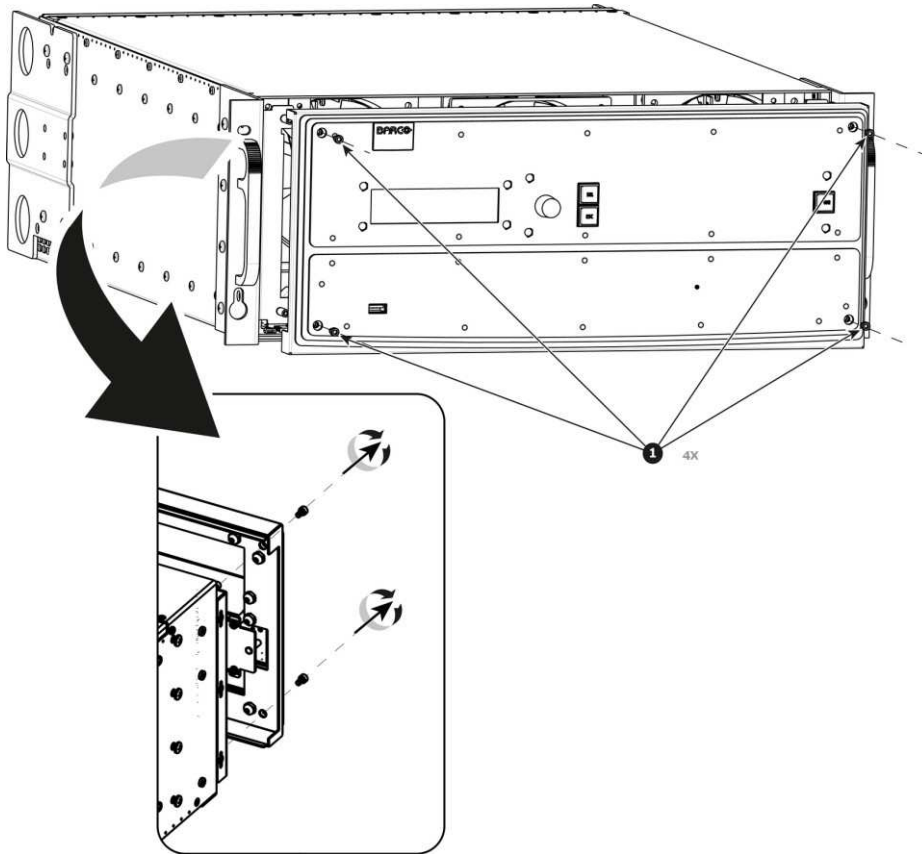
## Contents

- E2, first generation specific setup instructions ..... 2
- E2 Gen 2 specific setup instructions (Black Front) ..... 5
- S3 specific setup instructions..... 6
- EX / ImagePRO-4K setup instructions ..... 8
- Creating a Clonezilla bootable USB drive..... 9
- Reimage instructions ..... 11
  - Changing boot order ..... 11
  - CloneZilla steps ..... 13

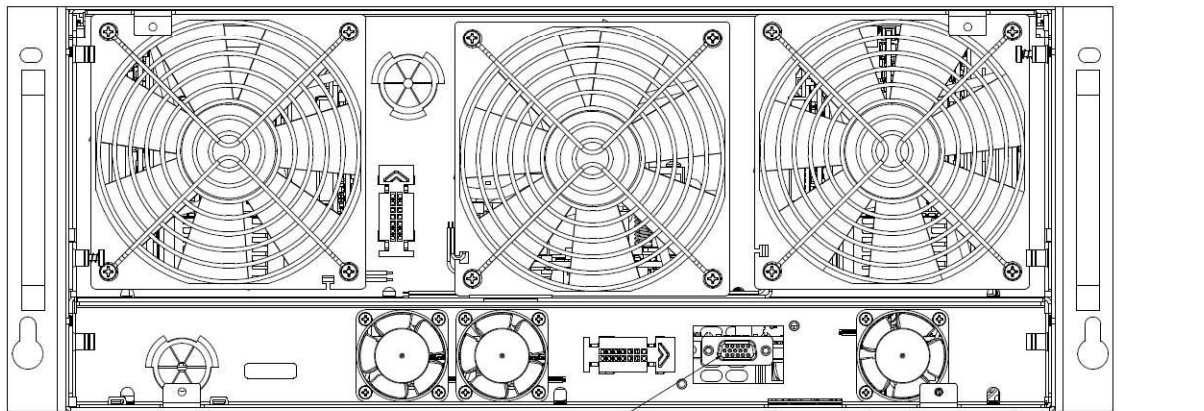
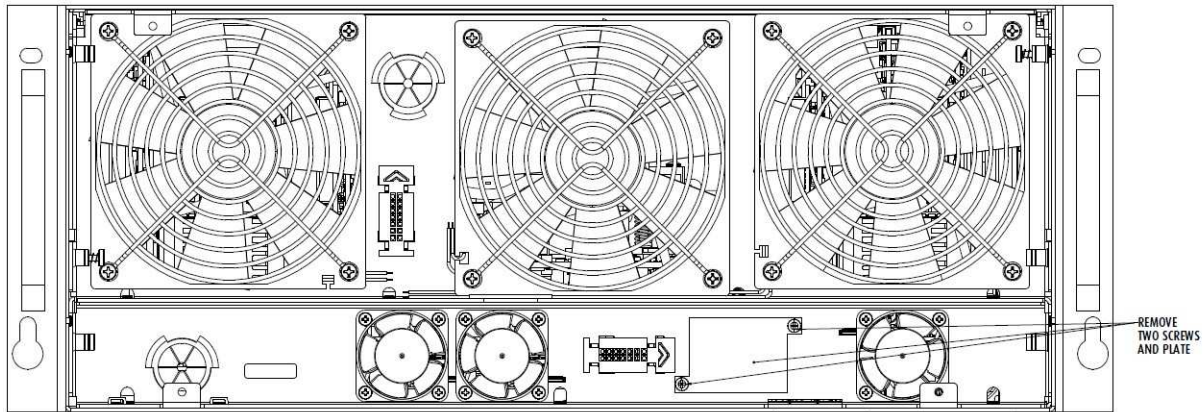
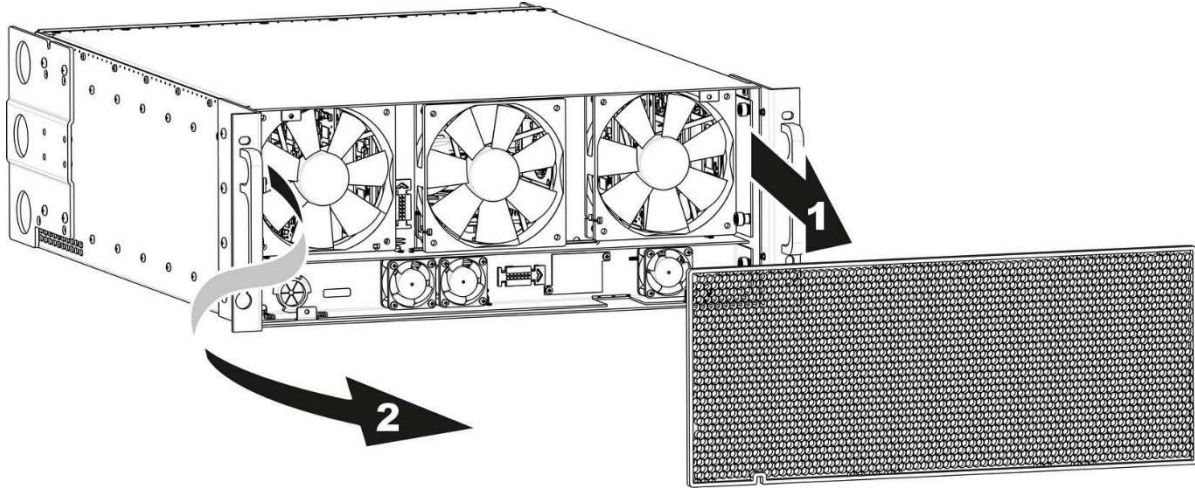
## E2, first generation specific setup instructions

If you have an E2, first generation with Grey front follow the instructions below to remove the front panel and access the VGA connector. If you have an E2 gen2 with Black front go to the next section.

- Remove the front panel and filter of the E2 to expose the VGA connector and plug in a VGA monitor.



Take the front panel and put it aside with the 3 cables still attached. A USB hub will need to be plugged into the USB port.



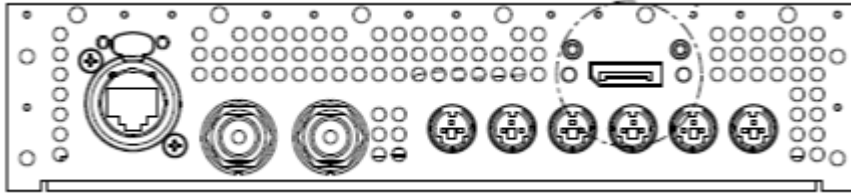
CONNECT TO VGA CONNECTOR

BARCO		4110 Research Park Dr. Austin, TX 78759, USA		TITLE		ACCESS VGA CONNECTOR	
DESIGN	D	DATE	04/01/17	REV.	NO.	VGA_CONN	
CHECKED	S/A	RELEASED DATE		APP'D		1 OF 1	

- Attach a VGA monitor to the VGA connector shown in the above image.
- Using a USB hub, attach the USB stick and a keyboard in to the front of the E2
- Go to the “Creating a Clonezilla bootable USB drive and reimage instructions” to finish reimaging the E2



## E2 Gen 2 specific setup instructions (Black Front)

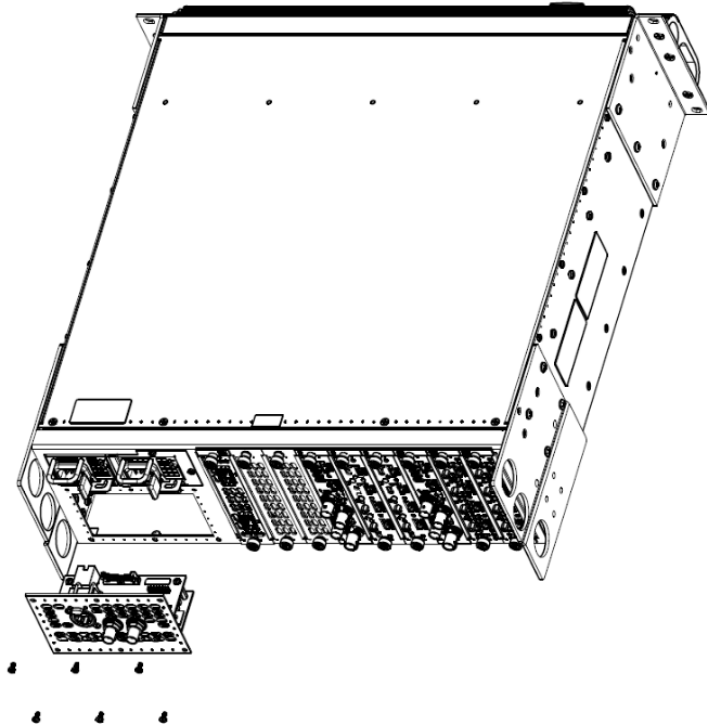


- On the rear of the E2 Gen 2, remove the 2 screws that are covering the DisplayPort connector circled in the picture above.
- Attach a DisplayPort monitor to the DisplayPort connector shown in the above image.
- Using a USB hub, attach the USB stick and a keyboard in to the front of the E2 Gen2
- Go to the “Creating a Clonezilla bootable USB drive and reimage instructions” to finish reimaging the E2 Gen 2

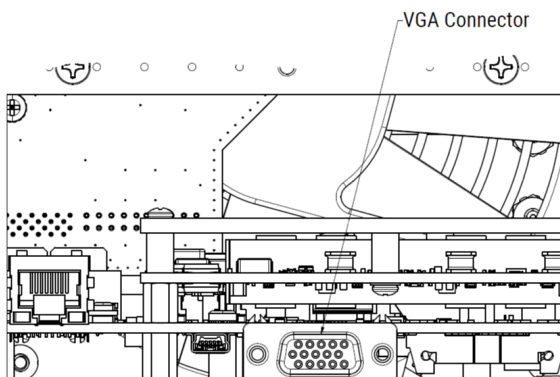
### S3 specific setup instructions

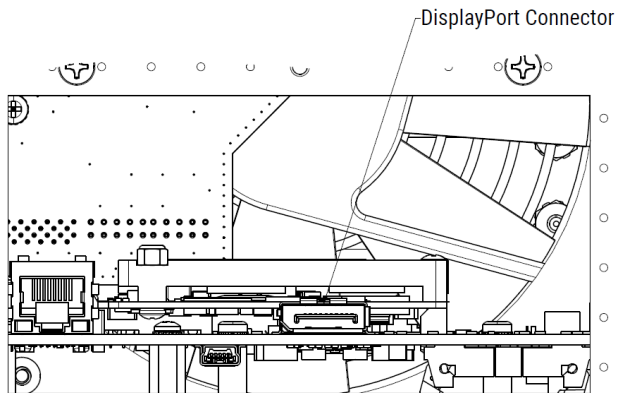
Depending on the S3 manufacture date, the S3 will either have a VGA cable or a DisplayPort cable accessible via the rear panel. This will determine which ISO image to use.

- Remove the rear Genlock / Ethernet panel to expose the VGA or DisplayPort connector.



- With the rear Genlock / Ethernet panel removed, you will either see a VGA or a DisplayPort connector





- Attach a VGA monitor or DisplayPort monitor to the connector shown in the above image.
- Using a USB hub, attach the USB stick and a keyboard in to the front of the S3
- Go to the “Creating a Clonezilla bootable USB drive and reimage instructions” to finish reimaging the S3

## **EX / ImagePRO-4K setup instructions**

If the EX / ImagePRO-4K OS is less than version 2.0.4, please refer to InfoT1420 “Event Master EX Expansion ISO Upgrade”. Please go to <https://www.barco.com/en/support/ex/docs> to find this document. Please use “clonezilla-live-q7-prod-x.x.x.iso” file

If the EX / ImagePRO-4K OS is already at version 2.0.4, please follow the “Creating a Clonezilla bootable USB drive and reimage instructions” steps below



## Creating a Clonezilla bootable USB drive

- There are 2 different iso files.
  - “clonezilla-live-**com**-prod-x.x.x.iso” for the ComExpress CPU modules.
  - “clonezilla-live- **q7**-prod-x.x.x.iso” for the Q7 CPU modules.
- Download the correct “clonezilla-live” .iso file.
  - For E2, first generation (Grey front) use the “clonezilla-live-**com**-prod-x.x.x.iso” file
  - For E2 Gen 2 (black front) use the “clonezilla-live-**q7**-prod-x.x.x.iso” file
  - For S3, please check section below to check which CPU module is installed in the S3
    - If the S3 has a VGA connector, use the “clonezilla-live-**com**-prod-x.x.x.iso” file
    - If the S3 has a DisplayPort connector, use the “clonezilla-live-**q7**-prod-x.x.x.iso” file
  - For EX / ImagePRO-4K, use the “clonezilla-live-**q7**-prod-x.x.x.iso” file
- Go to <http://www.linuxliveusb.com/en/download>
- Download and install the Linux Live USB creator "LiLi"
- Get a USB stick that can be formatted with this ISO image

Step1: Select a USB stick

Step2: Choose the “clonezilla-live” .iso file Step3: Live Mode

Step4: Only check the "Format the key in FAT32." Uncheck other 2 checkbox

Step5: Click on "lightning" to create the image on the USB stick. This will take 5-10mins. When its done it will say "Your LinuxLive key is now up and ready"

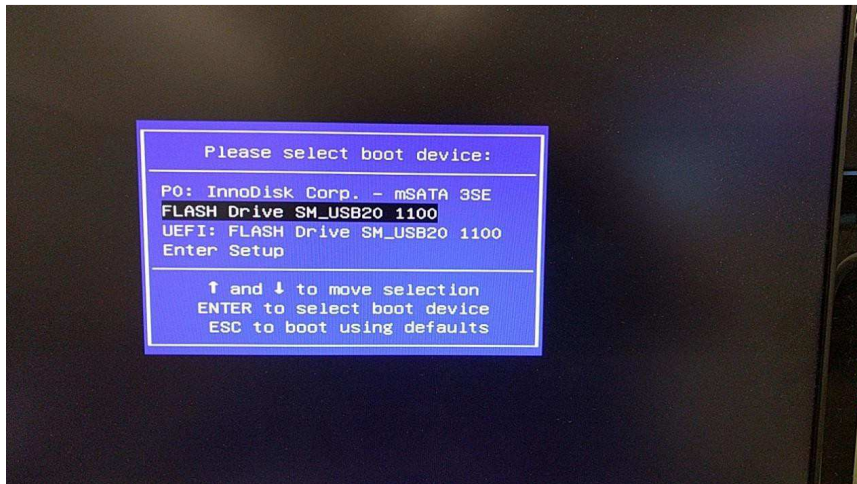


## Reimage instructions

### Changing boot order

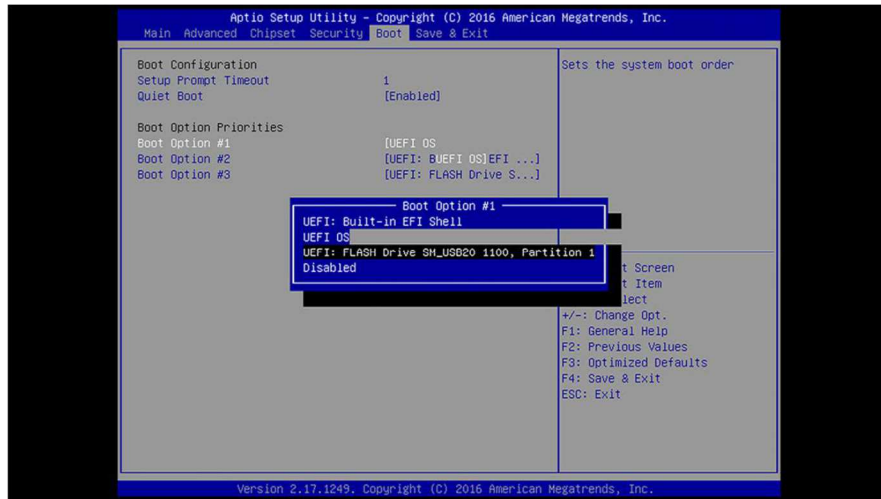
Power on the unit.

**For the E2 and S3 with the VGA connector:** When the Barco Logo splash screen appears press the F11 key several times to access the boot device selection menu. Use the arrow keys to select the attached USB flash drive then press [Enter] key. Please note the name of the drive maybe different than the one in the picture below.



**For the E2 Gen 2, EX, ImagePRO-4K, and S3 with DisplayPort connector:** Users will need to change the boot order to boot from USB Drive.

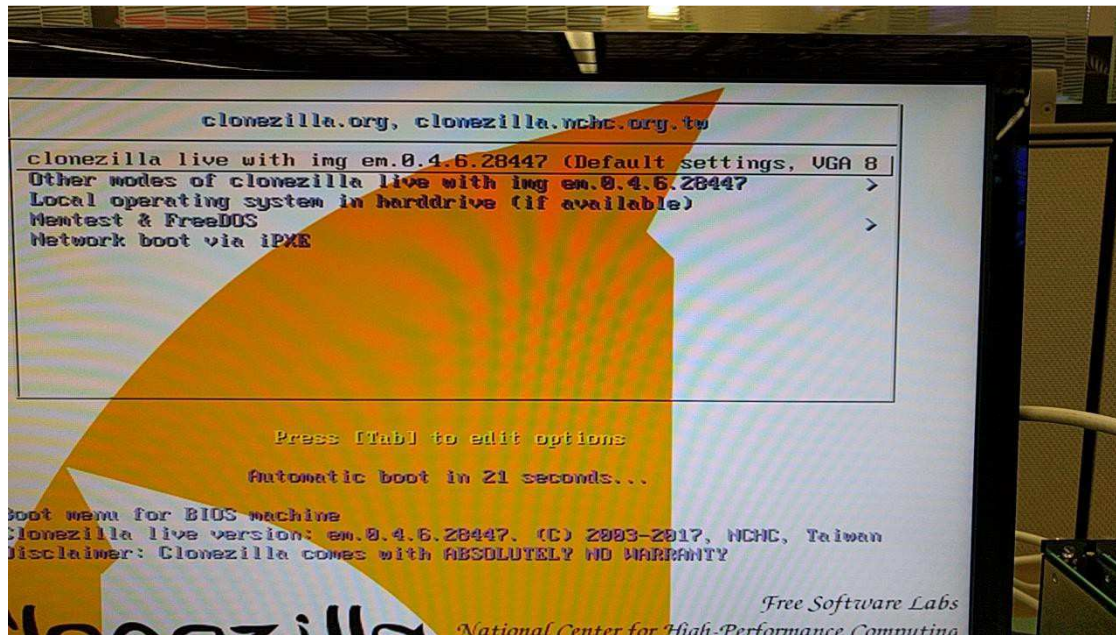
Press the **Del** key on the attached USB keyboard repeatedly to enter the Setup Utility. Select the Boot tab. Set “Boot Option #1” to **Flash Drive...**



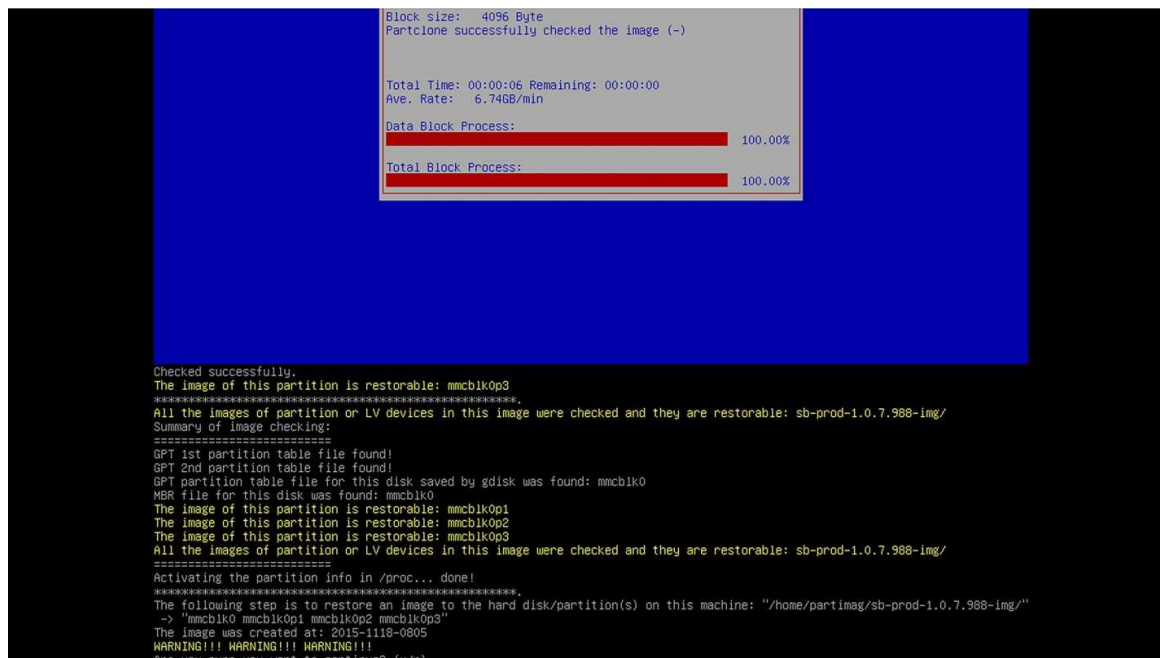
Press the **Enter** key. Press the **F4** key to bring up the “Save & Exit Setup” dialog box. Select **Yes**, and press the **Enter** key. The system displays the Clonezilla welcome screen. Although no action is required at this point—the program will continue automatically—you can press the **Enter** key to proceed.

## CloneZilla steps

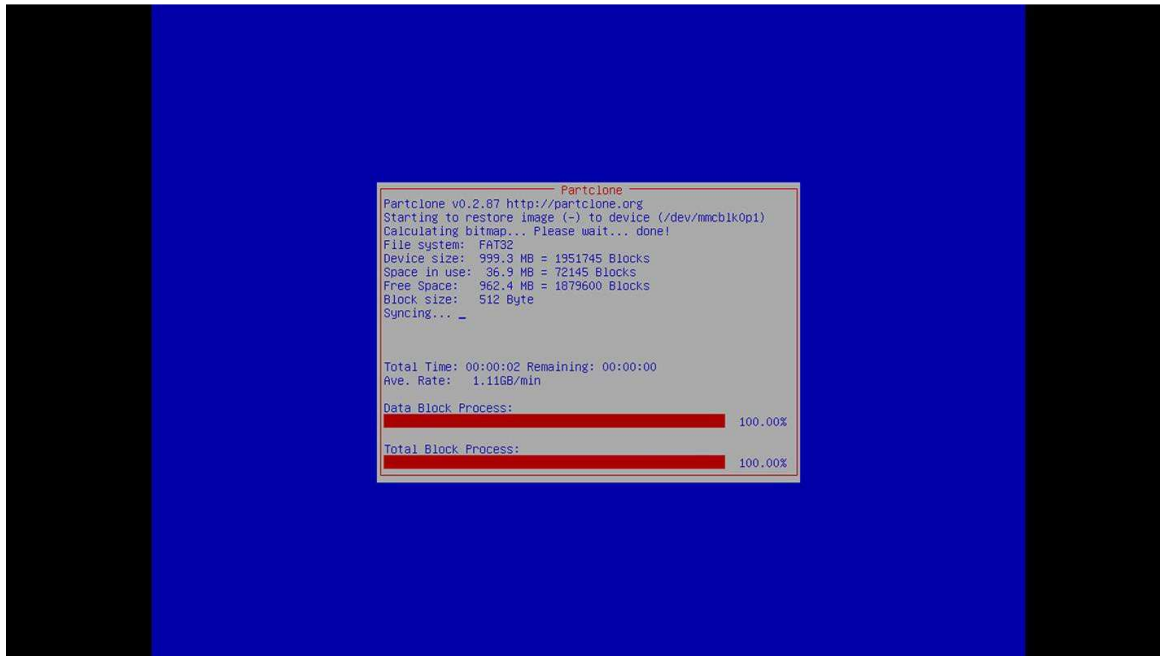
A Clonezilla screen will be displayed on the monitor as shown below. No action is required, the program will continue on automatically.



When prompted as shown below, press 'y', then [Enter]



Clonezilla will continue on as shown below:



Use arrow keys to select "Poweroff", then press [Enter] key.

