

LCD firmware upgrade for Ender-3 V2

LCD Types

There are reports that some customers who have purchased the Ender-3 V2 from around February 2022 have started receiving the Ender-3 V2 with the new LCD model.

- Original DWIN company LCD (DMT48270C043_04WN) : use DWIN_SET

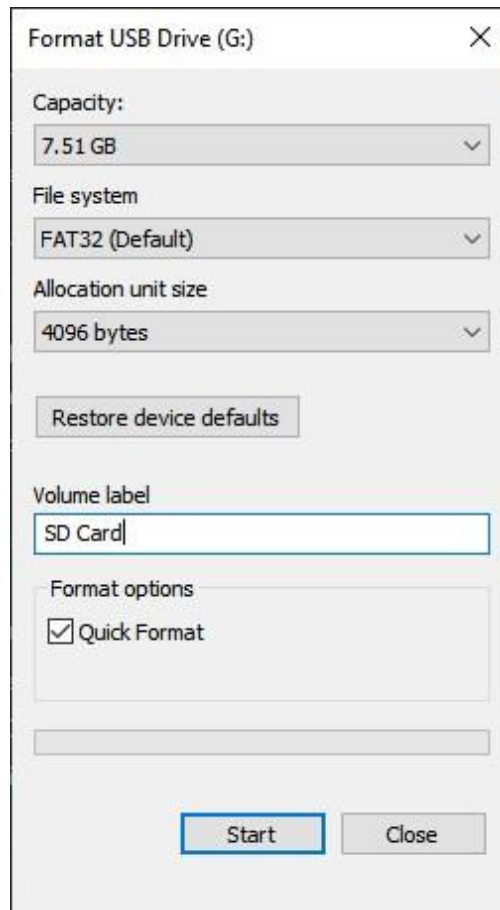


- New DACAI company LCD : use private



LCD Firmware Upgrade

- Format your microSD card to FAT32 with a 4096 bytes allocation unit size.



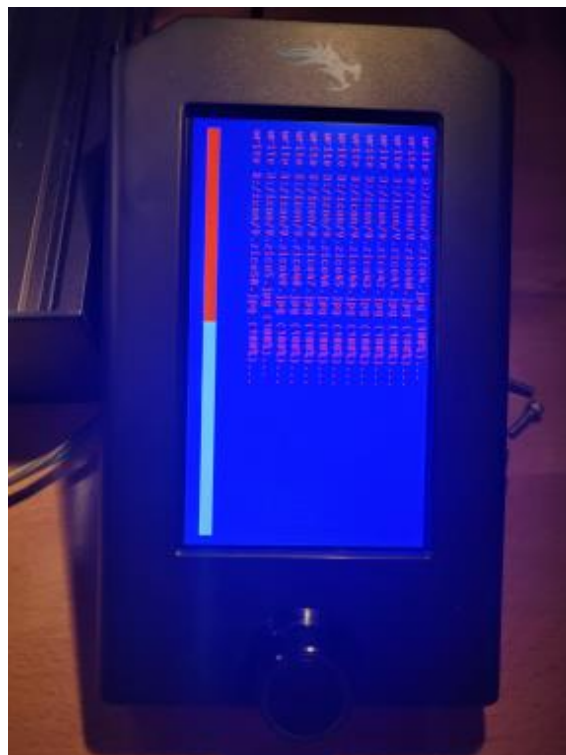
- Use DWIN_SET for old stock LCD or private for DACAI new LCD.
- Copy one of the "DWIN_SET" or "private" folder to an SD card.
- Turn off Ender-3 V2 and disconnect LCD unit.
- Remove the back cover of the display and insert the card into the microSD slot on the back of the display unit's PCB.



- Connect LCD unit to Ender-3 V2 and power on Ender-3 V2.
- Wait for the upgrade to complete.
 - When DWIN LCD upgrade is completed, the blue screen changes to orange screen (15 ~ 20 seconds)



- ACAI LCD upgrade progress is indicated by %



- Power off Ender-3 V2.
- Remove the SD card from the back of the display.
- After assembling LCD unit, connect to Ender-3 V2.
- Power on to confirm a successful flash.

Troubleshooting

If flashing is not working (e.g. the blue screen only flashes for a second before the orange screen):

- Reformat the SD card in FAT32 with 4096 bytes allocations