# Install Ubuntu 21.04

to maintain Windows installed:

```
1. disable BitLocker (Impostazioni->Aggiornamenti
Sicurezza->Crittografia->Disabilità)
2. disable Secure Boot (from BIOS)
3. re-order the booting devices (from BIOS)
3. use a USB to boot the ubuntu 21.04
```

## Possible issues

### Backlight / nomodeset

In case you are using a laptop with intel i7 gen. 11th and iRIS XE graphics you should use kernel **5.11.0-16-generic** A possible solution is to add the following lines in **/etc/default/grub**:

```
GRUB_DEFAULT=saved
GRUB_SAVEDEFAULT=true
```

Then reboot the system, select *Opzioni avanzate per Ubuntu* and *Ubuntu, con Linux 5.11.0-16-generic*. You must do that only once to save your preferences.

### Wi-fi
To install the correct drive you should follow these command (and might read the discussion at this link):

```
1. Make sure you have a proper build environment and dkms installed.
2. sudo su
3. apt install bc module-assistant build-essential dkms
4. m-a prepare
5. apt install rtl8821ce-dkms
```

## HP Z640

- https://blog.frehi.be/2022/05/04/updating-hp-bios-firmware-from-linux/

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Permanent link:
**https://wiki.csgalileo.org/tips/hw/hp**

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