

Adding 1224x768 Resolution to Monitor.

Run:—

```
xrandr
```

To see where the VDU is connected.

```
Screen 0: minimum 320 x 200, current 1680 x 1050, maximum 8192 x 8192
DVI-I-1 connected primary 1680x1050+0+0 (normal left inverted right x
axis y axis) 430mm x 270mm
  1680x1050    59.88*+
  1280x1024    75.02    60.02
  1152x864     75.00
  1024x768     75.03    60.00
   800x600     75.00    60.32
   640x480     75.00    59.94
   720x400     70.08
VGA-1 disconnected (normal left inverted right x axis y axis)
```

In this case it's DVI-I-1.

Check if `/etc/X11/xorg.conf` exists. If not press Alt-Ctrl-F1, log in and type:—

```
sudo service lightdm stop
sudo X -configure
sudo service lightdm start
```

There will now be a file called `xorg.conf.new` in the Home directory. Rename this to `xorg.conf` and move it to `/etc/X11`.

Run:—

```
cvt 1224 768
```

This will produce:—

```
# 1224x768 59.82 Hz (CVT) hsync: 47.74 kHz; pclk: 76.00 MHz
Modeline "1224x768_60.00" 76.00 1224 1288 1408 1592 768 771 781 798
-hsync +vsync
```

Now run:—

```
xrandr --newmode "1224x768_60.00" 76.00 1224 1288 1408 1592 768 771
781 798 -hsync +vsync
```

followed by:—

```
xrandr --addmode DVI-I-1 1224x768_60.00
```

Modify `/etc/X11/xorg.conf` thus:—

Section "ServerLayout"

```

Identifier    "Layout0"
Screen       0 "Screen0" 0 0
InputDevice  "Keyboard0" "CoreKeyboard"
InputDevice  "Mouse0" "CorePointer"
Option      "Xinerama" "0"
EndSection

```

```

Section "Files"
EndSection

```

```

Section "Module"
Load    "dbe"
Load    "extmod"
Load    "type1"
Load    "freetype"
Load    "glx"
EndSection

```

```

Section "InputDevice"
# generated from default
Identifier    "Mouse0"
Driver       "mouse"
Option       "Protocol" "auto"
Option       "Device"  "/dev/psaux"
Option       "Emulate3Buttons" "no"
Option       "ZAxisMapping" "4 5"
EndSection

```

```

Section "InputDevice"
# generated from default
Identifier    "Keyboard0"
Driver       "kbd"
EndSection

```

```

Section "Monitor"
Identifier    "Monitor0"
Modeline "1224x768_60.00" 76.00 1224 1288 1408 1592 768 771 781
798 -hsync +vsync
VendorName   "Unknown"
ModelName    "DELL E207WFP"
EndSection

```

```

Section "Screen"
Identifier    "Screen0"
Device       "Device0"
Monitor      "Monitor0"
SubSection   "Display"
Viewport     0 0
Depth       24
modes "1224x768"
EndSubSection
EndSection

```

If there's more than one SubSection "Display" add modes "1224x768" to all of them.