## Text-To-Image

### Model Name : RealVisXL_V4.0

| Image Size 1024x1024 | | | | | Image Size 512x512 | | |
|---|---|---|---|---|---|---|---|
| | **With One Diff** | **Without One Diff** | | | | **With Onediff** | **Without Onediff** |
| **Inference Time** | 0.874s | 1.521s | | | **Inference Time** | 0.332s | 0.874s |
| **Iterations Per Second** | 16.183 | 8.326 | | | **Iterations Per Second** | 44.523 | 13.381 |
| **Max CUDA Memory (VRAM)** | 13.244 GB | 10.465 GB | | | **Max CUDA Memory (VRAM)** | 10.031 GB | 7.661GB |
| **Clip Score** | 0.2369 | 0.2371 | | | **Clip Score** | 0.2469 | 0.2416 |
| **FID Score** | 7.739589691 | | | | **FID Score** | 29.24690247 | |

### Model Name : RealVisXL_V4.0_Lightning

| Image Size 1024x1024 | | | | | Image Size 512x512 | | |
|---|---|---|---|---|---|---|---|
| | **With One Diff** | **Without One Diff** | | | | **With Onediff** | **Without Onediff** |
| **Inference Time** | 0.863s | 1.536s | | | **Inference Time** | 0.337s | 0.890s |
| **Iterations Per Second** | 16.247 | 8.325 | | | **Iterations Per Second** | 42.992 | 13.25 |
| **Max CUDA Memory (VRAM)** | 13.248 GB | 10.47 GB | | | **Max CUDA Memory (VRAM)** | 10.085 GB | 7.656 GB |
| **Clip Score** | 0.2872 | 0.2962 | | | **Clip Score** | 0.2883 | 0.2843 |
| **FID Score** | 7.662204266 | | | | **FID Score** | 9.104824066 | |

## Image-To-Image

### Model Name : RealVisXL_V4.0

| Image Size 1024x1024 | | | | | Image Size 512x512 | | |
|---|---|---|---|---|---|---|---|
| | **With One Diff** | **Without One Diff** | | | | **With Onediff** | **Without Onediff** |
| **Inference Time** | 0.871s | 1.522s | | | **Inference Time** | 0.325s | 0.898s |
| **Iterations Per Second** | 16.199 | 8.29 | | | **Iterations Per Second** | 47.863 | 12.942 |
| **Max CUDA Memory (VRAM)** | 13.302 GB | 10.471 GB | | | **Max CUDA Memory (VRAM)** | 10 GB | 7.661 GB |
| **Clip Score** | 0.2815 | 0.2804 | | | **Clip Score** | 0.2821 | 0.275 |
| **FID Score** | 35.05335236 | | | | **FID Score** | 42.37039185 | |

### Model Name : instruct-pix2pix

| Image Size 1024x1024 | | | | | Image Size 512x512 | | |
|---|---|---|---|---|---|---|---|
| | **With One Diff** | **Without One Diff** | | | | **With Onediff** | **Without Onediff** |
| **Inference Time** | 0.888s | 1.723s | | | **Inference Time** | 0.187s | 0.397s |
| **Iterations Per Second** | 13.108 | 7.033 | | | **Iterations Per Second** | 69.57 | 31.571 |
| **Max CUDA Memory (VRAM)** | 13.079 GB | 4.4 GB | | | **Max CUDA Memory (VRAM)** | 4.636 GB | 2.613 GB |
| **Clip Score** | 0.2821 | 0.275 | | | **Clip Score** | 0.2535 | 0.2515 |
| **FID Score** | 42.37039185 | | | | **FID Score** | 3.081792593 | |