

times\_cpu\_gpu

Operation	Time (s)	Device	Number of Images	Image Shape
FFT	1.7715	CPU	200	(512, 512, 3)
IFFT	1.7662	CPU	200	(512, 512, 3)
Wavelet Transform	2.0714	CPU	200	(512, 512, 3)
Convolution	2.3117	CPU	200	(512, 512, 3)
Image Registration	9.5525	CPU	200	(512, 512, 3)
Inpainting	1.2878	CPU	5	(512, 512, 3)
Mean and Std	0.6386	CPU	200	(512, 512, 3)
FFT	0.3779	GPU	200	(512, 512, 3)
IFFT	0.1591	GPU	200	(512, 512, 3)
Wavelet Transform	2.1822	GPU	200	(512, 512, 3)
Convolution	0.1890	GPU	200	(512, 512, 3)
Image Registration	9.7184	GPU	200	(512, 512, 3)
Inpainting	1.3010	GPU	5	(512, 512, 3)
Mean and Std	0.2892	GPU	200	(512, 512, 3)

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Time / Image (s)
0.00886
0.00883
0.01036
0.01156
0.04776
0.25756
0.00319
0.00189
0.00080
0.01091
0.00094
0.04859
0.26020
0.00145