

Relative speedup compared to Notebook CPU

AddImagesWeighted2D	3	0.8	8
AddImagesWeighted3D	4	0.7	28
AddScalar2D	6	0.5	10
AddScalar3D	3	0.8	18
AutoThreshold2D	2	0.7	2
AutoThreshold3D	3	0.8	6
BinaryAnd2D	2	0.7	4
BinaryAnd3D	4	1.0	29
Erode2D	11	0.7	19
Erode3D	2	0.5	12
FixedThreshold2D	2	0.7	5
FixedThreshold3D	4	0.9	32
Flip2D	17	0.5	37
Flip3D	16	0.6	110
GaussianBlur2D	3	0.8	9
GaussianBlur3D	3	0.3	33
MaximumZProjection	0.1	0.8	38
Mean2D	0.06	0.6	11
Mean3D	7	4	172
Median2D	0.5	2	36
Median3D	2	4	42
Minimum2D	7	1.0	19
Minimum3D	25	4	196
MultiplyScalar2D	11	0.9	22
MultiplyScalar3D	6	1.0	38
RadialReslice	17	0.9	48
Rotate2D	3	0.5	22
Rotate3D	1.0	0.5	15

Laptop GPU

Workstation CPU

Workstation GPU