

Single Core

Processing Time of 4 Images

Core 1	Image 1: 250 ms
Core 2	Image 2: 260 ms
Core 3	Image 3: 200 ms
Core 4	Image 4: 210 ms
Grand Total of Processing Time	920 ms

Dual Core

Processing Time of 4 Images

Core 1 + 2	Image 1 (250 ms) + Image 2 (260 ms): 510 ms
Core 3 + 4	Image 3 (200 ms) + Image 4 (210 ms): 410 ms
Grand Total of Processing Time	510 ms

Quad Core

Processing Time of 4 Images

Core 1 + 2 + 3 + 4	Image 1 (250 ms) + Image 2 (260 ms) + Image 3 (200 ms) + Image 4 (210 ms)
Grand Total of Processing Time	260 ms