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| Single Core  Colour image |

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| Size | 3\*3 | 5\*5 | 7\*7 |
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| --- | --- | --- | --- |
| Size | 3\*3 | 5\*5 | 7\*7 |
| 256\*256 | 1.9322 | 4.3804 | 8.5678 |
| 512\*512 | 7.7812 | 17.6028 | 35.7011 |
| 768\*768 | 17.5276 | 51.0755 | 80.4680 |
| 1024\*1024 | 31.3554 | 76.8289 | 147.2965 |

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| Colour image |

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| Colour image |

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| Colour image |

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| Size | 3\*3 | 5\*5 | 7\*7 |
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| --- | --- | --- | --- |
| Size | 3\*3 | 5\*5 | 7\*7 |
| 256\*256 | 1.0637 | 2.4322 | 4.4173 |
| 512\*512 | 4.3111 | 9.6252 | 17.6738 |
| 768\*768 | 9.5796 | 21.4869 | 39.7726 |
| 1024\*1024 | 16.9071 | 38.3955 | 70.8145 |

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| Colour image |

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| Dual Core  Colour image |
| Quad Core  Colour image |

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| Size | 3\*3 | 5\*5 | 7\*7 |
| 256\*256 | 1.0409 | 2.3150 | 4.2549 |
| 512\*512 | 4.1587 | 9.1333 | 17.5388 |
| 768\*768 | 9.3335 | 20.8799 | 39.5432 |
| 1024\*1024 | 16.4326 | 36.9002 | 70.7911 |

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| --- | --- | --- | --- |
| Size | Single Core | Dual  Core | Quad Core |
| 256\*256 | 2.6276 | 1.2797 | 1.1763 |
| 512\*512 | 9.8127 | 4.9684 | 4.8086 |
| 768\*768 | 21.899 | 10.571 | 10.302 |
| 1024\*1024 | 38.543 | 18.737 | 18.2351 |

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| Colour image |

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| Monochrome  image |

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| --- | --- | --- | --- |
| Size | Single Core | Dual  Core | Quad  Core |
| 256\*256 | 2.5797 | 1.3744 | 1.1378 |
| 512\*512 | 9.6517 | 4.9453 | 4.5952 |
| 768\*768 | 21.2275 | 10.239 | 10.099 |
| 1024\*1024 | 36.8967 | 18.546 | 17.556 |

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| Gray Scale image |

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| --- | --- | --- | --- |
| Size | Single Core | Dual  Core | Quad  Core |
| 256\*256 | 2.5897 | 1.3739 | 1.1573 |
| 512\*512 | 9.7843 | 4.9364 | 4.8341 |
| 768\*768 | 21.3223 | 10.602 | 10.449 |
| 1024\*1024 | 38.2877 | 18.538 | 18.329 |