| **Thuật toán** | **Trường hợp tốt nhất** | **Trung bình** | **Trường hợp xấu nhất** | **Không gian bổ sung** |
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| Bubble Sort | O(n)O(n)O(n) | O(n2)O(n^2)O(n2) | O(n2)O(n^2)O(n2) | O(1)O(1)O(1) |

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| Selection Sort | O(n2)O(n^2)O(n2) | O(n2)O(n^2)O(n2) | O(n2)O(n^2)O(n2) | O(1)O(1)O(1) |

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| Insertion Sort | O(n)O(n)O(n) | O(n2)O(n^2)O(n2) | O(n2)O(n^2)O(n2) | O(1)O(1)O(1) |

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| **Merge Sort** | O(nlog⁡n)O(n \log n)O(nlogn) | O(nlog⁡n)O(n \log n)O(nlogn) | O(nlog⁡n)O(n \log n)O(nlogn) | O(n)O(n)O(n) |

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| **Heap Sort** | O(nlog⁡n)O(n \log n)O(nlogn) | O(nlog⁡n)O(n \log n)O(nlogn) | O(nlog⁡n)O(n \log n)O(nlogn) | O(1)O(1)O(1) |

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| **Quick Sort** | O(nlog⁡n)O(n \log n)O(nlogn) | O(nlog⁡n)O(n \log n)O(nlogn) | O(n2)O(n^2)O(n2) | O(log⁡n)O(\log n)O(logn) |