

# Morningstar US Technology TR USD

## Index Details

### Investment Objective & Strategy

The index measures the performance of companies engaged in the design, development, and support of computer operating systems and applications. This sector also includes companies that provide computer technology consulting services. Also includes companies engaged in the manufacturing of computer equipment, data storage products, networking products, semiconductors, and components. This Index does not incorporate Environmental, Social, or Governance (ESG) criteria.

### Operations

|                          |   |
|--------------------------|---|
| Launch Date              | Dec-20-2010                               |
| Performance Start Date   | Dec-31-1991                               |
| Rebalance Frequency      | Quarterly                                 |
| Reconstitution Frequency | Semi-annually                             |
| Weighing Scheme          | Market Capitalization Free-Float Adjusted |

Morningstar ID F00000LJ9E

Index Asset Class Equity

Base Currency US Dollar  
Return Type Total Return

Benchmark 1 Morningstar US Market TR USD

Benchmark 2 Morningstar Developed Markets Technology GR USD

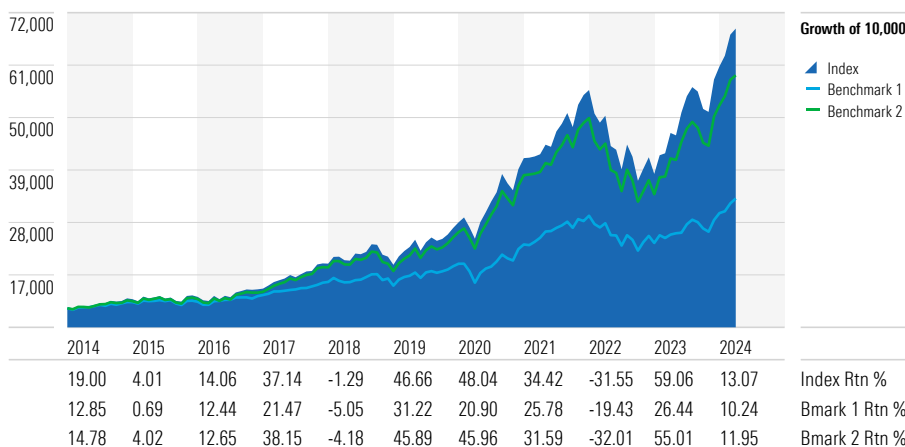
### Index Characteristics

Number of Constituents 221

### Contact Details

Index Provider Morningstar Indexes  
Web Site <http://indexes.morningstar.com>  
Email [indexes@morningstar.com](mailto:indexes@morningstar.com)

## Historical Performance



## Quarterly Performance

|      | 1st Qtr | 2nd Qtr | 3rd Qtr | 4th Qtr | Total  |
|------|---------|---------|---------|---------|--------|
| 2019 | 19.59   | 4.30    | 2.95    | 14.21   | 46.66  |
| 2020 | -12.27  | 31.71   | 11.82   | 14.58   | 48.04  |
| 2021 | 1.94    | 11.33   | 1.95    | 16.17   | 34.42  |
| 2022 | -9.66   | -22.33  | -6.12   | 3.91    | -31.55 |
| 2023 | 22.51   | 16.48   | -4.91   | 17.23   | 59.06  |
| 2024 | 13.07   | —       | —       | —       | —      |

## Trailing Performance

|           | Index Rtn % | Bmark 1 Rtn % | Bmark 2 Rtn % |
|-----------|-------------|---------------|---------------|
| 3 Mo      | 13.07       | 10.24         | 11.95         |
| 6 Mo      | 32.55       | 23.56         | 31.68         |
| 1 Yr      | 46.81       | 29.78         | 42.14         |
| 3 Yr Ann  | 17.53       | 10.04         | 15.11         |
| 5 Yr Ann  | 24.61       | 14.46         | 22.77         |
| 10 Yr Ann | 20.89       | 12.47         | 19.07         |

## Risk

|         | Standard Deviation |       |       | Sharpe Ratio |      |       | MaxDrawdown |                         |  |
|---------|--------------------|-------|-------|--------------|------|-------|-------------|-------------------------|--|
|         | 3 Yr               | 5 Yr  | 10 Yr | 3 Yr         | 5 Yr | 10 Yr | 10 Yr (%)   | Date                    |  |
| Index   | 24.25              | 23.40 | 19.63 | 0.67         | 0.97 | 1.00  | -34.13      | Jan-01-2022–Sep-30-2022 |  |
| Bmark 1 | 17.88              | 18.88 | 15.56 | 0.46         | 0.70 | 0.74  | -24.88      | Jan-01-2022–Sep-30-2022 |  |
| Bmark 2 | 24.03              | 23.12 | 19.29 | 0.59         | 0.92 | 0.93  | -35.14      | Jan-01-2022–Sep-30-2022 |  |

## Value Measures















|         | P/E   | P/B  | P/Sales | P/Cash Flow | Div. Yield % |
|---------|-------|------|---------|-------------|--------------|
| Index   | 35.44 | 9.33 | 6.86    | 26.13       | 0.65         |
| Bmark 1 | 23.77 | 4.07 | 2.65    | 16.39       | 1.36         |
| Bmark 2 | 35.19 | 8.10 | 5.95    | 25.08       | 0.68         |

## Growth Measures/Profitability

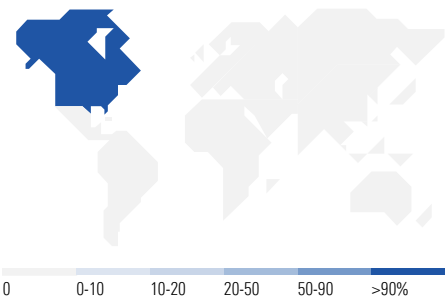
|         | Book Value Growth | Sales Growth % | ROIC  | ROE   | ROA   |
|---------|-------------------|----------------|-------|-------|-------|
| Index   | 10.25             | 7.63           | 31.58 | 43.00 | 21.03 |
| Bmark 1 | 6.63              | 8.62           | 20.82 | 30.42 | 12.50 |
| Bmark 2 | 10.58             | 8.02           | 30.31 | 40.84 | 19.98 |

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## Portfolio Analysis

| Equity Sector Analysis   |         |           |
|--|---------|-----------|
|  | Index % | Bmark 1 % |
|  Cyclical               | 0.1     | 28.6      |
|  Basic Materials        | 0.0     | 2.4       |
|  Consumer Cyclical      | 0.0     | 10.8      |
|  Financial Services     | 0.1     | 12.9      |
|  Real Estate            | 0.0     | 2.6       |
|  Sensitive              | 99.9    | 51.5      |
|  Communication Services | 0.0     | 8.5       |
|  Energy                 | 0.0     | 4.1       |
|  Industrials            | 0.0     | 9.3       |
|  Technology             | 99.9    | 29.6      |
|  Defensive              | 0.0     | 19.9      |
|  Consumer Defensive     | 0.0     | 5.6       |
|  Healthcare             | 0.0     | 12.1      |
|  Utilities              | 0.0     | 2.2       |





















### Morningstar World Regions



| Country %     |        |
|---------------|--------|
| United States | 100.00 |

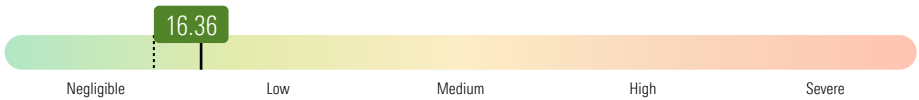
| Financial Metrics  |       |         |
|--|-------|---------|
| Metrics  | Index | Bmark 1 |
|  Wide Moat Coverage %   | 73.4  | 57.7    |
|  Narrow Moat Coverage % | 16.3  | 26.2    |
|  No Moat Coverage %     | 5.0   | 6.9     |
| No Analyst Coverage %  | 5.3   | 9.2     |

## Top Constituents

| Name                       | % Weight | Country       | Sector   | Moat   |
|----------------------------|----------|---------------|--|--|
| Microsoft Corp             | 20.05    | United States |  Technology   |  Wide     |
| Apple Inc                  | 16.08    | United States |  Technology   |  Wide     |
| NVIDIA Corp                | 14.07    | United States |  Technology   |  Wide     |
| Broadcom Inc               | 4.48     | United States |  Technology   |  Wide     |
| Advanced Micro Devices Inc | 2.10     | United States |  Technology  |  Narrow  |
| Salesforce Inc             | 2.04     | United States |  Technology |  Wide   |
| Adobe Inc                  | 1.65     | United States |  Technology |  Wide   |
| Accenture PLC Class A      | 1.57     | United States |  Technology |  Wide   |
| Cisco Systems Inc          | 1.46     | United States |  Technology |  Wide   |
| Oracle Corp                | 1.45     | United States |  Technology |  Narrow |

## ESG Risk

### Portfolio Corporate Sustainability Score



Index | Benchmark

### Corporate Sustainability Rating

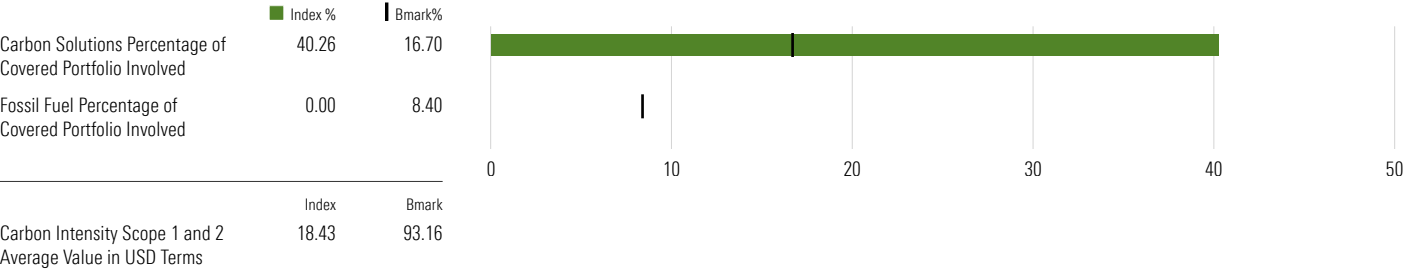
|                            | Index % | Bmark% |
|----------------------------|---------|--------|
| Eligible Portfolio Covered | 100.00  | 99.44  |

## Product Involvement

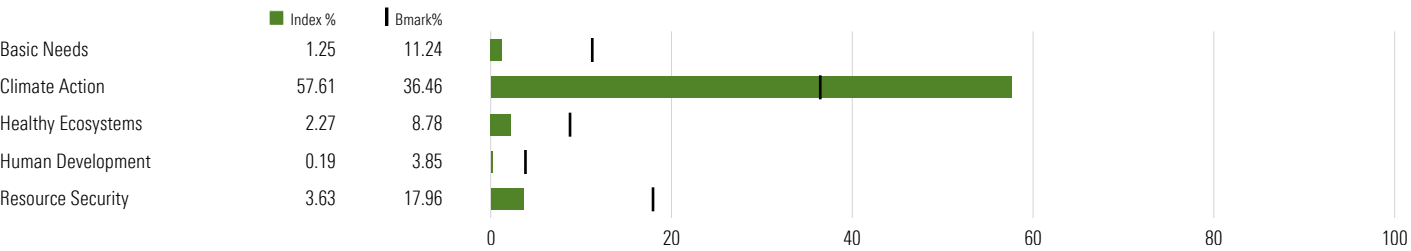
|                       | Index % | Bmark% |
|-----------------------|---------|--------|
| Alcohol               | 0.00    | 0.16   |
| Controversial Weapons | 0.17    | 1.62   |
| Gambling              | 0.00    | 0.29   |
| GMO                   | 0.00    | 0.07   |
| Military Contracting  | 1.73    | 3.21   |
| Nuclear Power         | 0.00    | 1.45   |
| Palm Oil              | 0.00    | 0.00   |
| Pesticides            | 0.00    | 0.12   |
| Small Arms            | 0.16    | 0.87   |
| Thermal Coal          | 0.00    | 1.09   |
| Tobacco               | 0.00    | 0.51   |

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## Climate



## Impact



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## Supporting Documents

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[Disclosures and definitions](#)