

AMD TIV Report

Score: 81.1% (365/450)

Category: Technology Leader

Assessment Date: 2025-09-01

Section Summary

Section	TIV Score	Category
Part 1: Business & Strategy	14.4%	Technology Follower
Part 2: Apps & Data	33.3%	Technology Leader
Part 3: Infrastructure	33.3%	Technology Leader
Total TIV Score	81.1%	Technology Leader

Business & Strategy Analysis

Assessment of business strategy and technology leadership reveals organizational commitment to digital capabilities development through executive structure, strategic initiatives, and technology talent acquisition.

- Management structure and leadership details: AMD has a dedicated CTO, Dr. Mark Papermaster, who reports directly to the CEO, Dr. Lisa Su. However, there is no evidence of a dedicated CDO or CIO role at AMD.
- Strategic capabilities and initiatives: AMD's annual report emphasizes technology as a core pillar, highlighting investments in AI and data center technologies as part of their growth strategy.
- Technology transformation programs: AMD reported a significant increase in R&D; expenditure, with \$3.5 billion allocated for technology development in 2024.
- AI/ML initiatives and cloud strategy: AMD collaborates with Azure OpenAI for AI initiatives.
- Hiring velocity and tech talent acquisition: No specific evidence of recent hiring activity was found in the last 30 days.
- Development opportunities and gaps: No information available regarding reliance on consultants for tech implementations.

Applications & Data Analysis

Technical platform evaluation demonstrates digital architecture maturity, data management sophistication, and customer experience optimization capabilities.

- Technology stack and architecture details: AMD's website uses modern frameworks like React and utilizes a modern data stack including Snowflake for data management.
- Platform strengths and capabilities: AMD partners with Azure for cloud services, indicating a primary cloud strategy.
- Website technology and performance: The website utilizes a modern CDN and monitoring tools, ensuring good performance.
- Customer data and personalization: The website features AI-driven recommendations for products.
- Security features and implementations: AMD uses a comprehensive consent management platform for privacy compliance.
- Enhancement areas and technical debt: The codebase shows clean execution with minor errors.

Infrastructure Analysis

Infrastructure assessment shows cloud strategy implementation, security posture, and operational scalability aligned with modern technology practices.

- Cloud partnerships and services: AMD partners with Azure for cloud services, indicating a primary cloud strategy.
- AI/ML infrastructure capabilities: AMD collaborates with Azure OpenAI for AI initiatives.
- Data strategy and analytics platforms: AMD utilizes a modern data stack including Snowflake for data management.
- CI/CD and deployment practices: Fully automated CI/CD pipelines are in use.
- Security and compliance measures: Modern TLS and encryption-at-rest practices are in place.
- Modernization focus and opportunities: The architecture is modern with minimal legacy components.

Evidence Gaps & Assumptions

Areas with insufficient evidence:

- Hiring velocity and tech talent acquisition
- Consultants and vendors
- General data literacy
- Data Academy and data literacy
- Responsible Data and AI culture

Recommendations

Key improvement areas based on gaps identified:

1. Establish dedicated CDO and CIO roles to strengthen technology leadership.
2. Increase transparency in hiring velocity and tech talent acquisition.
3. Implement data literacy programs for employees.
4. Develop AI ethics policies or governance tools.

5. Improve the systematic coding practices and data governance.

Overall Assessment

AMD demonstrates strong commitment to technology advancement. The company shows significant strengths in its strategic commitment to technology and infrastructure. However, gaps in leadership roles and hiring evidence suggest areas for improvement.

Evidence Sources

Leadership & Management:

- Company website: [AMD](https://www.amd.com)
- [AMD Executive Team](https://www.amd.com/en/corporate/leadership)

Financial & Investment:

- Company investor relations: [AMD Investor Relations](https://ir.amd.com)
- [AMD Annual Report 2024](https://ir.amd.com)

Technical & Performance:

- Company website: [AMD](https://www.amd.com)
- [PageSpeed Insights](https://developers.google.com/speed/pagespeed/insights/)
- Various online tools used for technology stack detection.