

# Tech Investment Valuation (TIV) Report — Alphabet (GOOGL)

October 2, 2025

## Section Scores

Section	% Score	Category
Part 1 — Business & Strategy	76.7%	Adopter
Part 2 — Applications & Data	93.3%	Leader
Part 3 — Infrastructure	100%	Advanced Leader
Overall	90.0%	Leader

## Executive Summary

Alphabet is classified as a Leader, supported by its hyperscaler GCP, AI-first strategy, and Vertex AI/TPU infrastructure.

### Strengths

- Pioneers of Kubernetes, TensorFlow, and TPUs.
- Vertex AI, BigQuery, Looker provide a modern stack.
- DeepMind and Google Research set AI frontiers.
- Omnichannel marketing/ads ecosystem with Gemini AI integration.

### Weaknesses

- Formal CDO/CIO roles absent.
- Employee sentiment mixed with layoffs impacting stability.

## Business & Strategy

AI-first commitment across all divisions.

Functional CTO/CDO equivalents (Jeff Dean, Urs Hölzle).

## Applications & Data

Gmail, YouTube, Ads, and Google Play drive personalization and analytics.

Omnichannel journeys unified through Google Account identity.

## Infrastructure

GCP hyperscaler backbone with TPUs.

Vertex AI confirms ML/ops maturity.

## Conclusion

On public evidence, Alphabet scores 405/450 (90.0%) — Leader.

## Sources

- Alphabet 10-K 2025
- Google Cloud Vertex AI docs
- Google Research publications
- DeepMind announcements