

# Tech Investment Valuation (TIV) — NVIDIA (NVDA)

**Date:** 2 Oct 2025

**Entity:** NVIDIA Corporation (consolidated)

## Part 1 — Business & Strategy (150 points)

### 1.1 C-Suite & Board Leadership (40)

- Chief Data Officer (CDO): None → **0**
- Chief Technology Officer (CTO): Michael Kagan (dedicated) → **10**
- Chief Information Officer (CIO): Bob Worrall (dedicated CIO) → **10**
- Tech/Data Board Representation: Jensen Huang (CEO, technologist), Tench Coxe (Sequoia, tech background) → **10**

**Subtotal = 30 / 40**

*Sources: NVIDIA Leadership page, [investor.nvidia.com/governance](https://investor.nvidia.com/governance).*

### 1.2 AI Leadership (10)

- Chief Scientist Bill Dally heads NVIDIA Research; Jensen Huang leads AI strategy. Role not titled “CAIO” but clearly dedicated → **10 / 10**.

*Sources: [research.nvidia.com](https://research.nvidia.com).*

### 1.3 Business Strategy & Financial Commitment (20)

- AI and accelerated computing are explicitly the strategy pillars. → **10**
- CapEx: datacenter GPU builds, networking (InfiniBand), DGX Cloud → **10**

**Subtotal = 20 / 20**

*Sources: 10-K, GTC presentations, press releases.*

### 1.4 Hiring & Talent (40)

- Hiring velocity: ongoing hiring; not >30 in last 30 days publicly verifiable → **7**
- Role diversity: engineers, AI scientists, DevOps, ASIC, etc. → **10**

- Seniority mix: balanced → **5**
- Consultant reliance: internal ownership of CUDA/AI stacks → **10**
- Data literacy in hiring: evident in job posts → **5**  
**Subtotal = 37 / 40**

### 1.5 Team Stability & Retention (10)

- No large-scale layoffs in 2023–25 reported; workforce expanded → **10 / 10**  
*Sources: Press, layoff trackers.*

### 1.6 Culture, Sentiment & Training (20)

- Employee sentiment: Glassdoor 4.3/5 → **10**
- Upskilling / training: Developer programs, GPU training institutes → **5**
- Responsible AI: NVIDIA AI ethics & responsible AI frameworks published → **5**  
**Subtotal = 20 / 20**

### 1.7 Developer & Engineering Culture (10)

- OSS: CUDA, RAPIDS, Triton, NeMo, Omniverse contributions → **10 / 10**

**Part 1 Total = 125 / 150**

## Part 2 — Applications & Data (150 points)

### 2.1 Website & App Technology (20)

- Frameworks & CMS: modern stack (React/Next.js observed on nvidia.com) → **5**
- Performance/Delivery: Akamai/Azure CDN detection → **5**
- Mobile apps: GeForce NOW app active, frequent updates, 4.6★ ratings → **5**
- Customer account portal: NVIDIA Account → **5**  
**Subtotal = 20 / 20**

## **2.2 Customer Data & Analytics (40)**

- CRM/CDP: Adobe/Marketo confirmed in cookies; NVIDIA Account identity → **10**
  - Analytics: Adobe SiteCatalyst + Google Analytics present → **10**
  - Personalization: Adobe Target (mbox cookies) confirmed → **10**
  - Experimentation: Adobe Target → **5**
  - Data sophistication: rich tagging not published → **0**
- Subtotal = 35 / 40**

## **2.3 Governance & Privacy (20)**

- CMP: Privacy Center, cookie banner, GPC supported → **10**
  - Data governance maturity: clear privacy policy, data subject controls → **5**
  - Privacy transparency: privacy portal, cookie policy detail → **5**
- Subtotal = 20 / 20**

## **2.4 Architecture & Automation (30)**

- API quality/security: developer APIs (CUDA, NGC) well documented → **10**
  - Microservices/modernization: Omniverse Nucleus microservices → **10**
  - Event-driven automation: Morpheus cybersecurity platform → **5**
  - Technical debt: no disclosure → **0**
- Subtotal = 25 / 30**

## **2.5 Engagement & Marketing Ecosystem (40)**

- Marketing breadth: Marketo, analytics/ad cookies confirmed → **15**
- Omnichannel: NVIDIA Account ties GeForce NOW, Store, Developer → **15**

- AI readiness: Omniverse, AI agents for dev workflows → **10**  
**Subtotal = 40 / 40**

**Part 2 Total = 145 / 150**

## **Part 3 — Infrastructure (150 points)**

### **3.1 Cloud Partnerships & Strategy (25)**

- DGX Cloud multi-cloud (Azure, Google, Oracle, AWS) → **15**
- Multi-cloud = 10 bonus → **10**  
**Subtotal = 25 / 25**

### **3.2 AI Cloud Partnerships (15)**

- DGX Cloud partnerships, AI HPC stacks with hyperscalers → **15 / 15**

### **3.3 Data & Platform Strategy (25)**

- RAPIDS, Merlin, Omniverse = internal data stack equivalents → **10**
- BI/Analytics: Omniverse dashboards, RAPIDS+Plotly → **5**
- Governance: Security features + PSIRT; less explicit governance tooling but internal equivalents → **10**  
**Subtotal = 25 / 25**

### **3.4 AI/ML Ops Maturity (20)**

- NGC model registry → **5**
- Feature store (Merlin) → **5**
- Pipelines (NeMo, Triton CI/CD) → **10**  
**Subtotal = 20 / 20**

### **3.5 Compute & Infrastructure (25)**

- Orchestration: Kubernetes GPU Operator → **10**

- AI Compute: H100, GB200 Grace Hopper, DGX clusters → **10**
  - Scalable serving: Triton, TensorRT → **5**
- Subtotal = 25 / 25**

### **3.6 CI/CD & Delivery (20)**

- CI/CD pipelines evidenced in OSS repos → **10**
  - Deployment cadence: continuous updates across RAPIDS/NGC → **5**
  - Observability: DCGM exporter for Prometheus/Grafana → **5**
- Subtotal = 20 / 20**

### **3.7 Security & Trust (20)**

- TLS/encryption: confirmed → **5**
  - Certifications: PSIRT & compliance docs → **5**
  - IAM: SSO, federated access in NVIDIA Account → **5**
  - Incident response: PSIRT advisories → **5**
- Subtotal = 20 / 20**

**Part 3 Total = 145 / 150**

## **Scoring Summary**

- **Part 1:** 125 / 150
- **Part 2:** 145 / 150
- **Part 3:** 145 / 150
- **Total:** 415 / 450 = **92.2%**

**Band (2.1):** Advanced Leader ( $\geq 92\%$ )

**Gate (2.2):** Passed — all three parts  $\geq 120$ ; two parts  $\geq 135$ .

**Penalty:** None.

**Final Classification = Advanced Leader**

## Classification

**NVIDIA = Advanced Leader**

- **Strengths:** AI-first strategy, unmatched infrastructure, developer culture, no layoffs, world-class MLOps and personalization stack.
- **Weaknesses:** No CDO; no traditional enterprise CRM/CDP disclosures; omnichannel journey detail sparse.
- **Overall:** Sets the benchmark for AI infra and apps maturity.