

Ambarella Inc. (AMBA)

Nasdaq; business equipment; SIC 3674, Semiconductors & Related Devices; CIK 0001280263

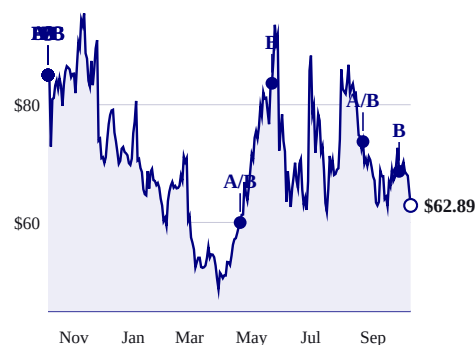
Ambarella Inc. AMBA; business equipment	
Grade	B A B C D E second fifth of 497 graded peers percentile 23.8; sampling error 2.2 points; lower is stronger
Rank	119 of 497
Profitability	B percentile 29.3
Solvency	B/C percentile 39.5
Growth and financing	C percentile 52.2
Reliability	0.91 AUC filers with \$591M to \$2.67B assets; 95% interval 0.88 to 0.94; 160 events, 2020 to 2025
Peer failure rate	1.01% a year Item 1.03 bankruptcies, same asset band, 2012 to 2025
Size band	\$591M to \$2.67B assets total assets \$798.6M
Standard universe	inside revenue above \$1M and assets above \$10M
Warnings	none active not computable: distress, fortress balance sheet
Inputs computable	9 of 14
Graded from	filings received through Mar 23, 2026 200 days before the rescan; latest periodic filing 10-Q received Sep 4, 2026
Last close	\$62.94 2026-10-08; market equity \$2.8B
Price used in grade	None



B, the elk
second fifth of its sector; letters are fifths of the 497 graded peers

Share price, twelve months to the rescan

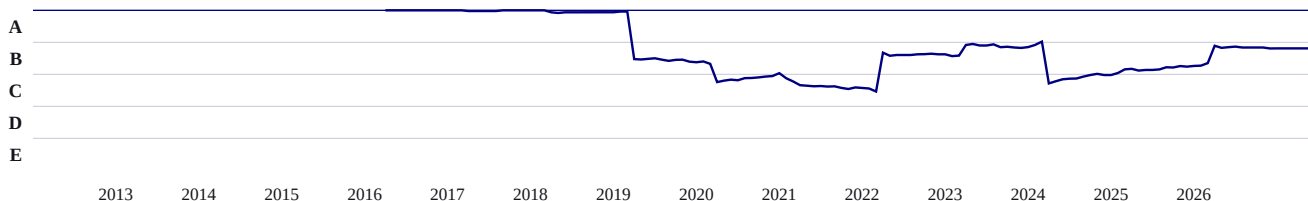
split-adjusted close; the letter is fixed at the rescan that set it



Rescans on file: A/B from Apr 21, 2026, B from May 21, 2026, A/B from Aug 21, 2026, B from Sep

Letter at every rescan

Jan 21, 2012 to Oct 9, 2026; sector percentile, stronger toward the top; facts filed by each date only



Business, in the company's words

opening of Item 1 of the 10-K received Mar 23, 2026

Incorporated in 2004, Ambarella is a leading developer of low-power system-on-a-chip, or SoC, semiconductors and software for edge and physical artificial intelligence (AI) applications and intelligent automation. Our technologies make electronic systems smarter, enabling them to become partially or fully autonomous with features such as intelligent automation, complex scene understanding, and autonomous decision-making. These systems perform multi-modal data fusion and complex data analysis in real

time, delivering high quality imagery, and preserving vital system resources such as power and network bandwidth.

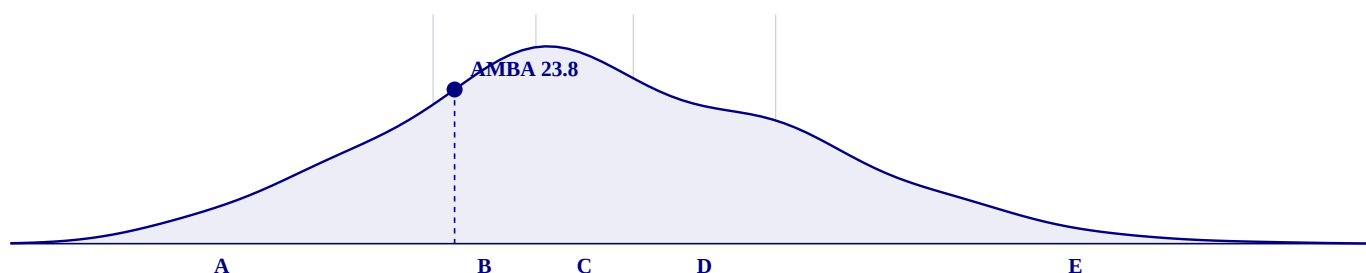
The fourteen inputs

lower percentile is stronger; equal-weighted sleeves

Input	Percentile, 0 to 100	Value	Peer median	Percentile	Peers	Period end
Profitability, sleeve percentile 29.3						
Gross profitability		29.0%	28.5%	45.4	558	2026-01-31
Return on invested capital		not computable	10.9%			one or more required annual facts are missing
Accruals ratio		(20.1%)	(7.4%)	19.5	621	2026-01-31
Gross margin stability, five years		1.2 pts	2.4 pts	22.9	429	2026-01-31
Solvency, sleeve percentile 39.5						
Twelve-month failure probability		not computable	0.05%			latest liabilities, cash plus short-term investments, book equity, and shares are required
Altman Z double-prime		2.94	2.18	37.7	566	2026-01-31
Net debt to EBITDA		not computable	1.11x			one or more required annual facts are missing
Interest coverage		not computable	3.77x			one or more required annual facts are missing
Current ratio		2.31x	2.02x	41.4	666	2026-01-31
Growth and financing, sleeve percentile 52.2						
Revenue growth, three-year compound		5.0%	6.4%	53.4	538	2026-01-31
Free cash flow growth, three-year compound		25.9%	17.2%	38.2	268	2026-01-31
Reinvestment rate		not computable	14.3%			pretax income must exceed the validity floor and imply a 0%-100% tax rate
Asset growth, three years		4.0%	5.0%	50.4	563	2026-01-31
Net share issuance, one year		3.2%	0.5%	67.0	407	2026-03-16

Among 497 peers

business equipment; letters are fifths of this list



Rank	Company	Percentile	Letter	Warnings
114	Eos Energy Enterprises, Inc. (EOSEW)	22.7	B	
115	Yext, Inc. (YEXT)	23.0	B	fortress
				balance sheet
116	Transcat Inc. (TRNS)	23.2	B	
117	PagerDuty, Inc. (PD)	23.4	B	
118	Allient Inc. (ALNT)	23.6	B	
119	Ambarella Inc. (AMBA) <	23.8	B	
120	Innovative Solutions & Support Inc. (IA)	24.0	B	
121	Atlassian Corp. (TEAM)	24.2	B	
122	Elastic N.V. (ESTC)	24.4	B	fortress
				balance sheet
123	Parsons Corp. (PSN)	24.6	B	
124	Docusign, Inc. (DOCU)	24.8	B	

What the price implies

at the 2026-10-08 close; none enters the grade

Measure	Value	Peer median	Percentile
Twelve-month price change, skipping the latest month	(15.9%)	2.2%	34
Distance from 52-week high	(34.2%)	(30.0%)	42
EBIT to enterprise value	not computable	1.5%	
Free cash flow yield	2.1%	2.7%	42
Book value to price	0.22	0.23	49
Sales to price	0.14	0.30	29
Composite equity issuance, five years	19.7%	3.9%	71
Relative strength against the sector, log excess return	(0.46)	(0.26)	34

Diagnostics

not in the grade

Measure	Value
Piotroski F-score None of 9, period end 2026-01-31	
Return on assets above zero	fail
Operating cash flow above zero	pass
Return on assets improved	pass
Operating cash flow exceeds net income	pass
Long-term leverage fell	fail
Current ratio improved	fail
No new shares issued	fail
Gross margin improved	fail
Asset turnover improved	pass
Cash, filings, liquidity	
Cash and equivalents	\$101.8M
Operating cash flow, four quarters	\$27.3M
Months of runway	not finite
Days since last periodic filing	35 (10-Q received Sep 4, 2026)
Median daily dollar volume, 63 sessions	\$93.9M

Sources

each row links to the filing index on sec.gov

#	Concept	XBRL tag	Value	Period end	Received	Form	Accession
1	gross profit	us-gaap:GrossProfit	\$231.3M	2026-01-31	2026-03-23	10-K	0001193125-26-119321
2	assets	us-gaap:Assets	\$798.6M	2026-01-31	2026-03-23	10-K	0001193125-26-119321
3	net income	us-gaap:NetIncomeLoss	-\$75.9M	2026-01-31	2026-03-23	10-K	0001193125-26-119321
4	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	\$73.5M	2026-01-31	2026-03-23	10-K	0001193125-26-119321
5	assets	us-gaap:Assets	\$689.0M	2025-01-31	2026-03-23	10-K	0001193125-26-119321
6	revenue	us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax	\$390.7M	2026-01-31	2026-03-23	10-K	0001193125-26-119321

7	gross profit	us-gaap:GrossProfit	\$172.3M	2025-01-31	2026-03-23	10-K	0001193125-26-119321
8	revenue	us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax	\$284.9M	2025-01-31	2026-03-23	10-K	0001193125-26-119321
9	gross profit	us-gaap:GrossProfit	\$136.8M	2024-01-31	2026-03-23	10-K	0001193125-26-119321
10	revenue	us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax	\$226.5M	2024-01-31	2026-03-23	10-K	0001193125-26-119321
11	gross profit	us-gaap:GrossProfit	\$208.9M	2023-01-31	2025-03-28	10-K	0000950170-25-046499
12	revenue	us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax	\$337.6M	2023-01-31	2025-03-28	10-K	0000950170-25-046499
13	gross profit	us-gaap:GrossProfit	\$208.1M	2022-01-31	2024-03-29	10-K	0000950170-24-038555
14	revenue	us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax	\$331.9M	2022-01-31	2024-03-29	10-K	0000950170-24-038555
15	current assets	us-gaap:AssetsCurrent	\$410.3M	2026-01-31	2026-03-23	10-K	0001193125-26-119321
16	current liabilities	us-gaap:LiabilitiesCurrent	\$177.9M	2026-01-31	2026-03-23	10-K	0001193125-26-119321
17	retained earnings	us-gaap:RetainedEarningsAccumulatedDeficit	-\$327.9M	2026-01-31	2026-03-23	10-K	0001193125-26-119321
18	operating income	us-gaap:OperatingIncomeLoss	-\$82.5M	2026-01-31	2026-03-23	10-K	0001193125-26-119321
19	book equity	us-gaap:StockholdersEquity	\$594.8M	2026-01-31	2026-03-23	10-K	0001193125-26-119321
20	liabilities	us-gaap:Liabilities	\$203.8M	2026-01-31	2026-03-23	10-K	0001193125-26-119321
21	capital expenditure	us-gaap:PaymentsToAcquireProductiveAssets	\$15.5M	2026-01-31	2026-03-23	10-K	0001193125-26-119321
22	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	\$33.8M	2025-01-31	2026-03-23	10-K	0001193125-26-119321
23	capital expenditure	us-gaap:PaymentsToAcquireProductiveAssets	\$10.4M	2025-01-31	2026-03-23	10-K	0001193125-26-119321
24	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	\$19.0M	2024-01-31	2026-03-23	10-K	0001193125-26-119321
25	capital expenditure	us-gaap:PaymentsToAcquireProductiveAssets	\$12.0M	2024-01-31	2026-03-23	10-K	0001193125-26-119321
26	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	\$44.1M	2023-01-31	2025-03-28	10-K	0000950170-25-046499
27	capital expenditure	us-gaap:PaymentsToAcquireProductiveAssets	\$15.1M	2023-01-31	2025-03-28	10-K	0000950170-25-046499
28	depreciation amortization	us-gaap:DepreciationDepletionAndAmortization	\$25.6M	2026-01-31	2026-03-23	10-K	0001193125-26-119321
29	pretax income	us-gaap:IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNondeductible	\$173.7M	2026-01-31	2026-03-23	10-K	0001193125-26-119321
30	income tax	us-gaap:IncomeTaxExpenseBenefit	\$2.2M	2026-01-31	2026-03-23	10-K	0001193125-26-119321
31	current assets	us-gaap:AssetsCurrent	\$320.6M	2025-01-31	2026-03-23	10-K	0001193125-26-119321
32	current liabilities	us-gaap:LiabilitiesCurrent	\$121.0M	2025-01-31	2026-03-23	10-K	0001193125-26-119321
33	assets	us-gaap:Assets	\$657.7M	2024-01-31	2025-03-28	10-K	0000950170-25-046499
34	assets	us-gaap:Assets	\$710.2M	2023-01-31	2024-03-29	10-K	0000950170-24-038555
35	shares outstanding	dei:EntityCommonStockSharesOutstanding	43,788,879	2026-03-16	2026-03-23	10-K	0001193125-26-119321
36	shares outstanding	dei:EntityCommonStockSharesOutstanding	42,437,410	2025-03-20	2025-03-28	10-K	0000950170-25-046499