



Public Companies

| SUMMARY | Multiples |
|---------|------------|
| Returns | Financials |

Transactions

| General | Private Placements |
|---------|--------------------|
| M&As | Public Offerings |

Private Market:

This quarter reported $\underline{-152}$ transactions compared to the previous one, and $\underline{\$52,352}M$ difference for an average of \$161M per transaction.

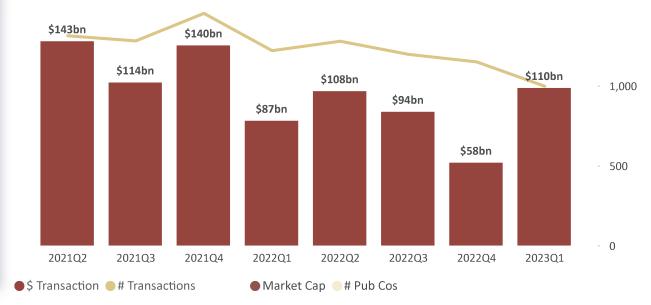
Its enterprise value multiples are $\underline{\textbf{1.91}}$ x revenues and $\underline{\textbf{13.97}}$ x EBITDA, with $\underline{\textbf{36}}$ and $\underline{\textbf{16}}$ observations respectively.

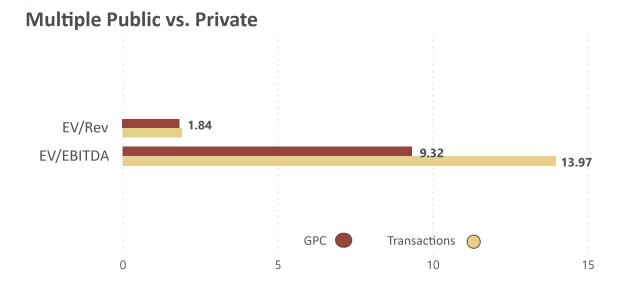
Public Market:

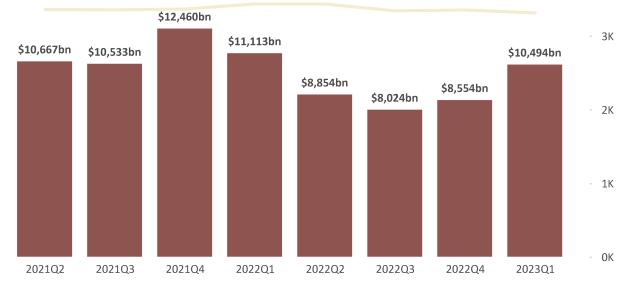
This quarter ended with a total Market Cap of \$10,494,305M, including 3310 public companies. It's a 22.68% change for -40 public companies difference who reported financials. The average Market Cap per company was \$3,276M.

Its enterprise value multiples are <u>1.84</u>x revenues and <u>9.32</u>x EBITDA, with <u>3169</u> and <u>3162</u> observations respectively.

Public & Private Markets











Public Companies

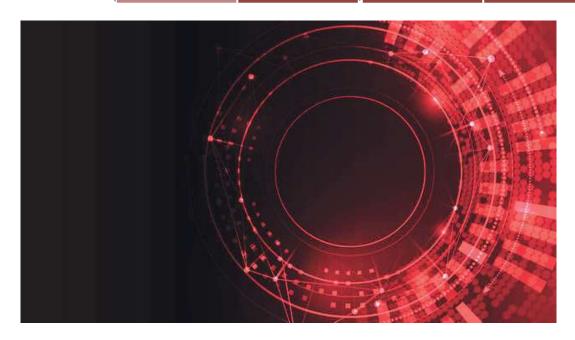
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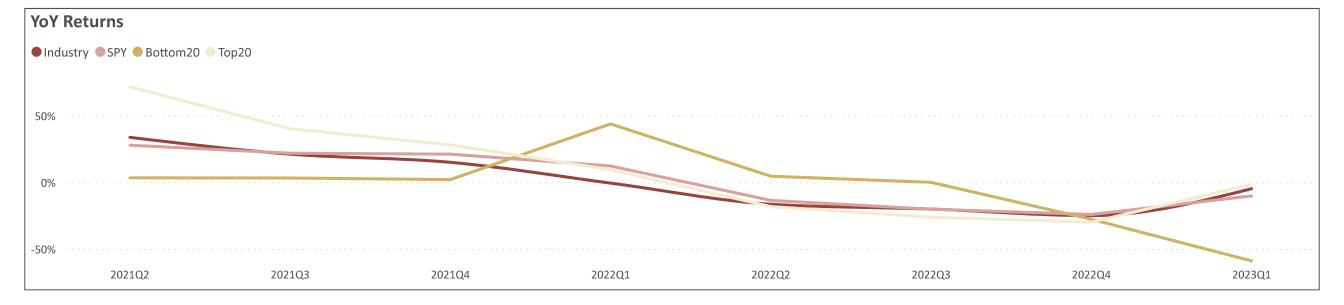
Transactions

| SUMMARY | Multiples | General |
|--------------|------------|---------|
| GPC: Returns | Financials | M&As |

The largest 20 companies' year-over-year returns ($\underline{-1.53\%}$) while the one for the global industry ($\underline{-4.78\%}$) and the smallest 20 companies ($\underline{-4.78\%}$).

Compared to the SPX index, the industry is performing by $\underline{5.47\%}$. It changed by $\underline{20.23\%}$ since the last quarter, while the SPX index did by 13.89%.









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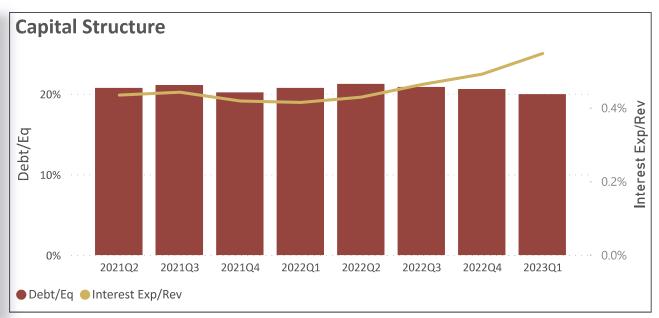
Transactions

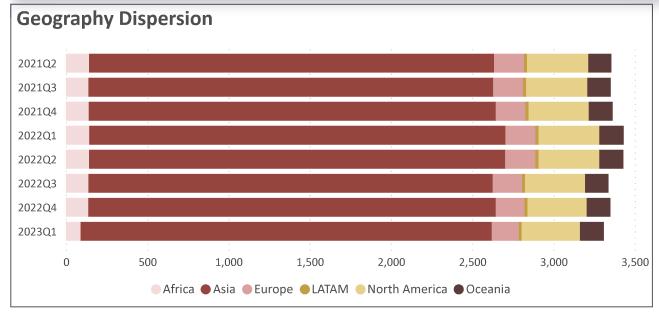
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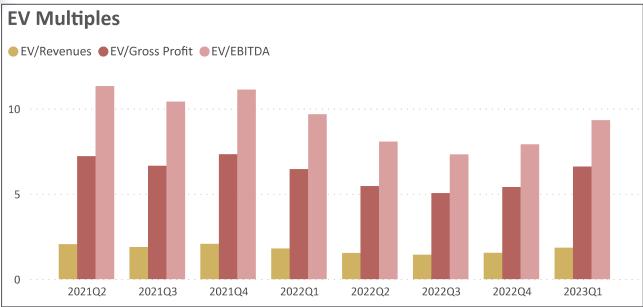
In 2 years, the number of active public companies came from $\underline{3350}$ to $\underline{3310}$ observations with a change of $\underline{-40}$ companies outside of North America.

The enterprise value median multiple per revenue was $\underline{1.84}$. The median EV/Gross profit was **6.60**, and the median EV/EBITDA was **9.32**.

The median percentage of debt to equity moved to $\underline{19.96\%}$ ($\underline{-0.63\%}$ change), and its interest expenses per revenues ratio was 0.55%.











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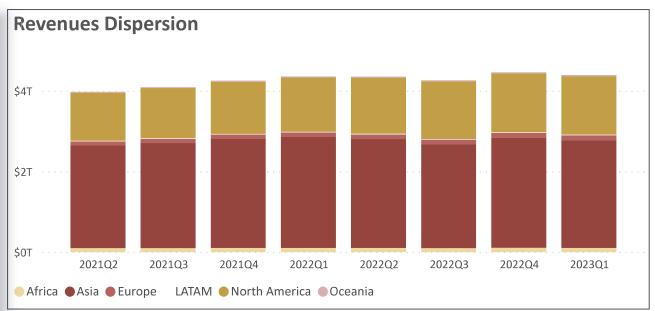
Transactions

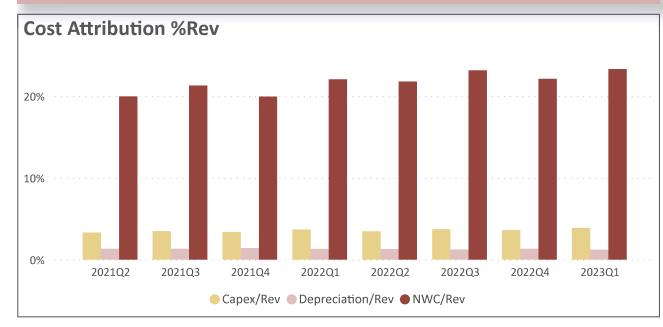
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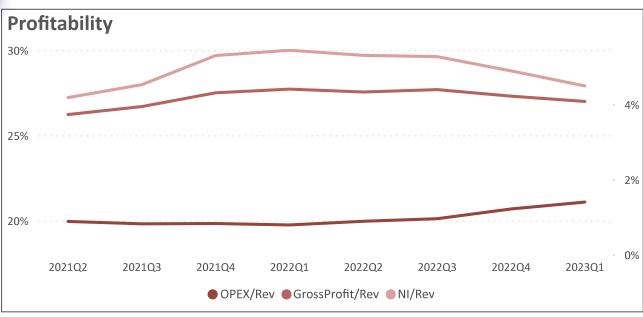
From <u>2021Q2</u>, the revenues rose by <u>10.55%</u> to reach <u>\$4,391,478</u>M for the last quarter.

This increase was due investments in capital expenditure, with was a median of $\underline{3.88\%}$ over the period of observation. It reached a median of 3.58% for the last quarter.

Its median of operating expenses, which is one of the main factors for negative profitability, went to **21.09%**, driving the net income ratio to **4.49%**.











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M&As Public Offerings

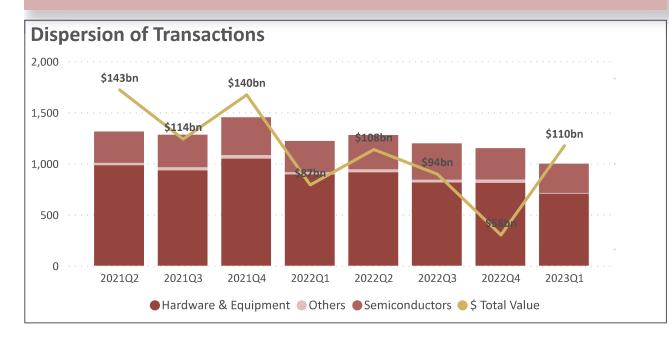
The last quarter reported a total of $\underline{997}$ transactions: $\underline{260}$ M&As, $\underline{483}$ private placements, and $\underline{196}$ public offers, for a total cumulated value of $\underline{\$110,370}$ M.

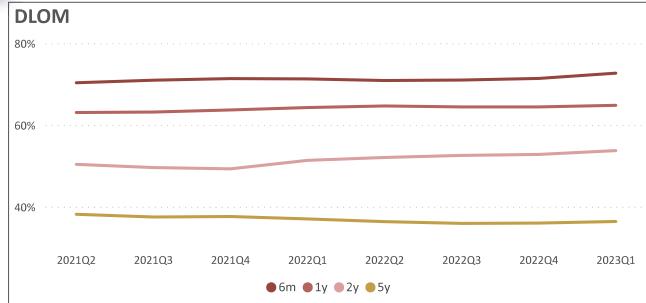
This includes <u>22</u> IPO announcement. The latest IPO announcement was from - <u>Smart Radar System Inc.</u> offering <u>0.56M</u> shares at a price of <u>\$5.97</u> per stock.

From the public companies, the discount for lack of marketability was calculated using the Finnerty model. Using the volatility for ½, 1, 2 and 5 years, the respective DLOM are as follows: 72.69% (3162 obs.), 64.82% (3084 obs.), 53.76% (2928 obs.), and 36.41% (2551 obs.).

TOP 5 IPO's AND BUY BACKS

| Date | Target Name | Size | Sector | Primary Features |
|----------|--------------------|----------|-----------|------------------------------|
| 09/15/22 | Texas Instruments | \$15,000 | Semicondu | Buyback of Equity Securities |
| 11/10/22 | ASML Holding N.V. | \$13,100 | Semicondu | Buyback of Equity Securities |
| 03/13/23 | Applied Materials, | \$10,000 | Semicondu | Buyback of Equity Securities |
| 12/09/21 | Broadcom Inc. | \$10,000 | Semicondu | Buyback of Equity Securities |
| 05/26/22 | Broadcom Inc. | \$10,000 | Semicondu | Buyback of Equity Securities |
| 10/12/21 | QUALCOMM Incor | \$10,000 | Semicondu | Buyback of Equity Securities |
| | | | | |









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SUMMARY

GPC: Returns

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|----|---------|--------------------|
| ls | M&As | Public Offerings |

Transactions

The last quarter reported $\underline{260}$ M&A transactions. The total amount transacted was $\underline{\$8,795}$ M ($\underline{100}$ obs.). The median multiples for the last quarter were $\underline{\textbf{1.91}}$ x Revenues ($\underline{\textbf{36}}$ obs.) and $\underline{\textbf{13.97}}$ x EBITDA (16 obs.).

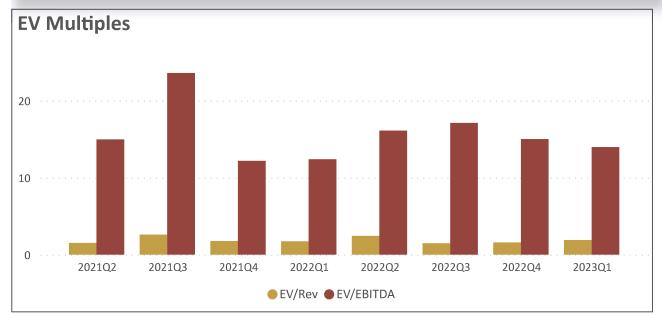
100 transactions were acquiring less than 100% sought, and 80 were an acquisition of minority interests.

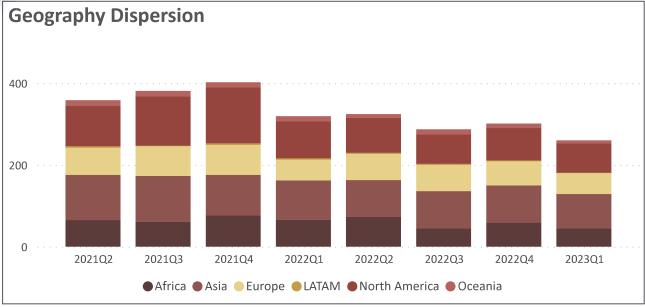
There was 25 DLOC reported, leading to a median of 12.21%.

| TOP 5 M&A's | | | | | | | |
|-------------|---------------------------|---------------------------|-----------|---------|--|--|--|
| Date | Buyer Name | Target Name | ▼ Size | %Sought | | | |
| 05/25/22 | Emerson Electric Co. | National Instruments Cor | \$8,627M | 98.24% | | | |
| 07/12/22 | Beijing Zhiguangxin Holdi | Tsinghua Unigroup Co.,Ltd | \$8,164M | 100.00% | | | |
| 12/15/21 | Entegris, Inc. | CMC Materials, Inc. | \$6,728M | 100.00% | | | |
| 12/14/21 | Neogen Corporation | Food Safety Business of 3 | \$4,342M | 100.00% | | | |
| 01/03/23 | Unisplendour Internatio | New H3C Technologies Co | \$3,500M | 49.00% | | | |
| Total | | | \$31,361M | | | | |

Multiple

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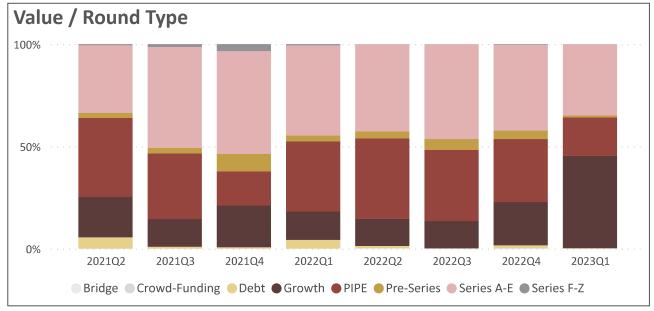
Growth (\$9,656M for 95 obs.).

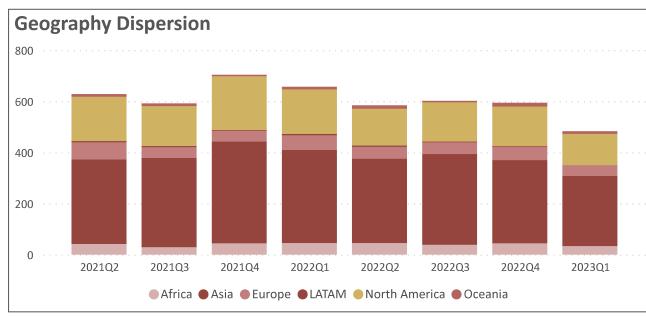


| Public Co | mpanies | Transactions | | |
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| The last quarter reported $\underline{483}$ private placements. $\underline{372}$ disclosed their transaction value, and $\underline{373}$ were for pre revenues companies. |
|---|
| The two most recurrent type of placements were transactions in PIPE (\$4,030M for 100 obs.), and |











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For the last quarter, $\underline{174}$ public offers were reported. $\underline{110}$ were public offering, and $\underline{64}$ shelf-registration.

From a total amount transacted of **\$61,117**M, **\$28,648**M were from public offering, and **\$32,469** M from shelf-registration.

From the offers, $\underline{3}$ reported the percentage of total share offered. $\underline{3}$ was offering more than 50%, and the median was **100.00%**.



