



Move over Nvidia, this German supercomputer company's value increased by 95% this year.

## Description

The German company, **ParTec**, makes very fast computers called supercomputers. In one year, their shares shot up by 95%! The company was started in 1999. It earned 52 million euros last year and got a large **contract** to build a supercomputer in Europe. This computer, named Jupiter, will be very powerful.

How does ParTec build these fast computers? They make a special type of software, and that's their main product. This makes them unique and not like their competitors. But ParTec faces a **challenge**. Not a lot of its shares are up for sale, so it is difficult to trade them. This is a risk that investors should know.

There is a lot of **potential** for ParTec in the future. The boss of ParTec, Bernhard, says that they will make special systems for AI. These will not just **generate** text but will have an "interior logic". This means they will understand physicals, math and mechanics.

Bernhard says that many big groups and even governments want these computers. ParTec is working hard on it. Soon, they will offer machines that can do this.

## Vocabulary Insights:

- **ParTec** (noun) - A company that makes supercomputers.
- **Contract** (noun) - An agreement to do a job for a certain amount of money.
- **Challenge** (noun) - A problem or difficulty.
- **Potential** (noun) - The possibility to develop or improve in the future.
- **Generate** (verb) - To produce or create something.

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## Vocabulary List:

1. **Supercomputers** // (noun): Extremely fast and powerful computers.
2. **Shares** // (noun): Units of ownership in a company.
3. **Unique** // (adjective): Being the only one of its kind unlike anything else.
4. **Trade** // (verb): The action of buying and selling goods or services.
5. **Investors** // (noun): Individuals or organizations that commit capital with the expectation of financial returns.
6. **Interior** // (adjective): Situated on the inside internal.

## Vocabulary quizzes

### Multiple Choice ( Select the Correct answer for each question. )

1. What is the term used to describe the quality of being open and honest in business practices?

- Option: AI
- Option: Unique
- Option: Transparency
- Option: Perishable

2. Which index is a stock market index that measures the stock performance of 30 large companies listed on stock exchanges in the United States?

- Option: NASDAQ
- Option: Shares
- Option: Dow Jones
- Option: Trade

3. What term refers to the act of maintaining or keeping something safe from harm or loss?

- Option: Preservation
- Option: Investment
- Option: Jobless



Option: Expiration

4. What type of advanced computing machines are designed for tasks requiring extensive computational power?

- Option: Money
- Option: Supercomputers
- Option: Sales
- Option: Contamination

5. Which stock exchange is known for being an American stock exchange that lists technology and internet-related companies?

- Option: Adjusting
- Option: AI
- Option: Nasdaq
- Option: Interior

6. What term describes a situation where something is not understood correctly?

- Option: Shares
- Option: Guidelines
- Option: Misinterpretation
- Option: Investors

7. Which company is one of the world's largest dedicated independent (pure-play) semiconductor foundries?

- Option: Jobless Rate
- Option: Taiwan Semiconductor Manufacturing
- Option: Mistakes
- Option: Postponing

8. What is the percentage of unemployed people in the labor force called?

- Option: House
- Option: Expiration
- Option: Jobless Rate
- Option: Adjusting

9. What term is used to refer to a device or implement especially one held in the hand?

- Option: Trade
- Option: Tool
- Option: Perishable
- Option: Contamination

10. Individuals or institutions that commit money to the purchase of financial assets are called what?

- Option: Unique
- Option: Trade



Option: Investors

Option: Shares

**Gap-Fill ( Fill in the blanks with the correct word from the vocabulary list. )**

11. Investing in \_\_\_\_\_ allows individuals to own a portion of a company.
12. \_\_\_\_\_ one's investment strategy is important to react to changing market conditions.
13. Food \_\_\_\_\_ can occur when proper hygiene practices are not followed.
14. Each individual has a set of \_\_\_\_\_ characteristics that make them who they are.
15. Check the \_\_\_\_\_ date on perishable items to ensure they are still safe to consume.
16. The \_\_\_\_\_ rate is a key economic indicator that shows the percentage of unemployed people in the workforce.
17. \_\_\_\_\_ important decisions can sometimes lead to missed opportunities.
18. International \_\_\_\_\_ plays a crucial role in the global economy.
19. Following safety \_\_\_\_\_ is important to prevent accidents in the workplace.
20. Managing your personal \_\_\_\_\_ effectively is key to financial stability.

**Matching Sentences ( Match each definition to the correct word from the vocabulary list. )**

21. The _____ is a market-capitalization-weighted index of the 500 largest publicly traded companies in the U.S.
22. _____ are significant assets for many individuals representing both shelter and potential investments.
23. The decoration and design of a home's _____ can greatly impact its overall ambiance and appeal.
24. Making a wise _____ requires careful consideration of risk and potential returns.
25. Learning from past _____ is essential for personal and professional growth.
26. _____ technology is rapidly transforming various industries and sectors globally.



27. Purchasing in a company gives the shareholder ownership rights and a share in profits.
28. Items that are easily spoiled are considered and should be consumed before their expiration dates.
29. In the U.S. technology companies are often listed on the stock exchange.
30. Food can occur due to bacteria or other harmful substances.

## Answer

**Multiple Choice:** 1. Transparency 2. Dow Jones 3. Preservation 4. Supercomputers 5. Nasdaq

6. Misinterpretation 7. Taiwan Semiconductor Manufacturing 8. Jobless Rate 9. Tool 10. Investors

**Gap-Fill:** 11. Shares 12. Adjusting 13. Contamination 14. Unique 15. Expiration 16. Jobless 17. Postponing  
18. Trade 19. Guidelines 20. Money

**Matching sentence:** 1. S&P 500 2. Houses 3. Interior 4. Investment 5. Mistakes 6. AI 7. Shares 8. Perishable  
9. Nasdaq 10. Contamination

## CATEGORY

1. Business - LEVEL1

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