3PAR Inc. Form SC 13D September 10, 2010

#### SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

## SCHEDULE 13D

Under the Securities Exchange Act of 1934

3Par, Inc. (Name of Issuer)

Common Stock (Title of Class of Securities)

> \_\_\_\_\_88580F109\_\_\_\_\_ (CUSIP Number)

Peter D. Goldstein GAMCO Investors, Inc. One Corporate Center Rye, New York 10580-1435 (914) 921-5000

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

\_\_\_\_\_ September 9, 2010\_\_\_\_\_ (Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box .

- Names of reporting persons
   I.R.S. identification nos. of above persons (entities only)
   Gabelli Funds, LLC
   I.D. No. 13-4044523
- 2 Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

3 Sec use only

- 4 Source of funds (SEE INSTRUCTIONS) 00-Funds of investment advisory clients
- 5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e) X
- 6 Citizenship or place of organization New York

Number Of	: 7	Sole voting power
Shares		1,870,700 (Item 5)
Beneficially	: 8	Shared voting power
Owned	•	None
By Each	: 9	Sole dispositive power
Reporting	•	1,870,700 (Item 5)
Person	:10	Shared dispositive power
With	•	None

11 Aggregate amount beneficially owned by each reporting person

1,870,700 (Item 5)

- 12 Check box if the aggregate amount in row (11) excludes certain shares (SEE INSTRUCTIONS)
- 13 Percent of class represented by amount in row (11)

2.99%

14 Type of reporting person (SEE INSTRUCTIONS)

- 1Names of reporting personsI.R.S. identification nos. of above persons (entities only)GAMCO Asset Management Inc.I.D. No. 13-4044521
- 2 Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

- 3 Sec use only
- 4 Source of funds (SEE INSTRUCTIONS) 00-Funds of investment advisory clients
- 5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)
- 6 Citizenship or place of organization New York

Number Of	:7	Sole voting power
Shares	:	822,300 (Item 5)
Beneficially	: 8	Shared voting power
Owned	:	None
By Each	:9	Sole dispositive power
Reporting	· :	972,300 (Item 5)
Person	:10	Shared dispositive power
With	:	None

11 Aggregate amount beneficially owned by each reporting person

972,300 (Item 5)

- 12 Check box if the aggregate amount in row (11) excludes certain shares (SEE INSTRUCTIONS)
- 13 Percent of class represented by amount in row (11)

1.55%

- 1Names of reporting personsI.R.S. identification nos. of above persons (entities only)Gabelli Securities, Inc.I.D. No. 13-3379374
- 2 Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

- 3 Sec use only
- 4 Source of funds (SEE INSTRUCTIONS) 00 – Client funds
- 5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)
- 6 Citizenship or place of organization Delaware

Number Of	: 7	Sole voting power
Shares	:	420,000 (Item 5)
Beneficially	: 8	Shared voting power
Owned	:	None
By Each	: : 9	Sole dispositive power
Reporting	:	420,000 (Item 5)
Person	: :10	Shared dispositive power
With	:	None
	:	

11 Aggregate amount beneficially owned by each reporting person

420,000 (Item 5)

- 12 Check box if the aggregate amount in row (11) excludes certain shares (SEE INSTRUCTIONS)
- 13 Percent of class represented by amount in row (11)

0.67%

14 Type of reporting person (SEE INSTRUCTIONS) HC, CO, IA

- 1
   Names of reporting persons

   I.R.S. identification nos. of above persons (entities only)

   GGCP, Inc.

   No. 13-3056041
- 2 Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

- 3 Sec use only
- 4 Source of funds (SEE INSTRUCTIONS) None
- 5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)
- 6 Citizenship or place of organization New York

Number Of	: 7	Sole voting power
Shares	:	150,000 (Item 5)
Beneficially	: 8	Shared voting power
Owned	· :	None
By Each	: 9	Sole dispositive power
Reporting	:	150,000 (Item 5)
Person	:10	Shared dispositive power
With	•	None

11 Aggregate amount beneficially owned by each reporting person

150,000 (Item 5)

- 12 Check box if the aggregate amount in row (11) excludes certain shares (SEE INSTRUCTIONS) X
- 13 Percent of class represented by amount in row (11)

0.24%

14 Type of reporting person (SEE INSTRUCTIONS)

HC, CO

Names of reporting persons
I.R.S. identification nos. of above persons (entities only)
GAMCO Investors, Inc.
No. 13-4007862
Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

- 3 Sec use only
- 4 Source of funds (SEE INSTRUCTIONS) WC
- 5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)
- 6 Citizenship or place of organization New York

Number Of	: 7	Sole voting power
Shares	· :	85,000 (Item 5)
Beneficially	: 8	Shared voting power
Owned	· :	None
By Each	: 9	Sole dispositive power
Reporting	· :	85,000 (Item 5)
Person	:10	Shared dispositive power
With	:	None

11 Aggregate amount beneficially owned by each reporting person

85,000 (Item 5)

- 12 Check box if the aggregate amount in row (11) excludes certain shares (SEE INSTRUCTIONS) X
- 13 Percent of class represented by amount in row (11)

0.14%

14 Type of reporting person (SEE INSTRUCTIONS)

HC, CO

- Names of reporting persons
   I.R.S. identification nos. of above persons (entities only)
   Mario J. Gabelli
- 2 Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

- 3 Sec use only
- 4 Source of funds (SEE INSTRUCTIONS) 00 – Funds of a Private Entity
- 5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)
- 6 Citizenship or place of organization USA

Number Of	: 7	Sole voting power
Shares	:	50,000 (Item 5)
Beneficially	: 8	Shared voting power
Owned	:	None
By Each	: 9	
Reporting		
Person	÷	
With		