

Server speed comparison



2013

	Generating sale and purchase operation			
Number of Items:	10,000	25,000	50,000	100,000
RAM:	1	1	1	1
Server Type:				
MSSQL Server 2005 Express	5.7	7.0	10.9	16.8
MSSQL Server 2008 R2 Express	4.3	6.4	8.8	15.1
MSSQL Server 2012 Express	3.2	4.8	8.3	14.9
Microsoft SQL Server 2008 Developer Edition	3.1	5.2	9.0	18.2
Microsoft SQL Server 2012 Enterprise Edition	4.0	5.0	9.1	15.3
MySQL 5.5	3.5	5.8	10.3	18.1

Parameters of the computer:

Windows 7 Enterprise SP1
 AMD Athlon™ 64 X2 Dual Core Processor 3800+ 2.01 GHz
 1.00 Gb
 32-bit Operating System
 500 Gb HDD, SATA

Availability to date
Items quantity

	Generating a report for availability to date, items quantity															
Number of rows in a operation:	50,000				100,000				500,000				1,000,000			
Number of items:	10,000	25,000	50,000	100,000	10,000	25,000	50,000	100,000	10,000	25,000	50,000	100,000	10,000	25,000	50,000	100,000
RAM:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Server Type:																
MSSQL Server 2005 Express	4.4	5.3	9.3	15.6	5.7	6.3	9.5	15.5	19.2	25.5	21.5	28.7	31.6	20.2	41.2	48.1
MSSQL Server 2008 R2 Express	4.3	6.7	9.5	14.7	5.2	6.9	9.7	15.9	17.5	17.2	21.2	32.9	30.2	24.2	36.5	51.5
MSSQL Server 2012 Express	5.1	5.4	9.1	13.4	4.7	5.6	8.9	16.9	22.6	38.8	25.9	30.0	33.2	25.7	52.1	1:06.5
Microsoft SQL Server 2008 Developer Edition	3.5	4.5	8.0	13.7	4.5	5.4	9.3	21.9	15.5	15.8	17.5	24.2	29.0	29.1	33.4	41.2
Microsoft SQL Server 2012 Enterprise Edition	2.7	4.1	6.3	12.9	4.1	5.1	8.8	25.4	6.1	17.5	18.2	25.2	22.2	25.2	28.3	38.0
MySQL 5.5	5.0	14.7	30.6	1:39.0	13.5	27.0	47.9	1:38.3	48.8	1:17.9	1:18.8	2:14.4	1:23.1	1:56.7	2:25.7	3:08.8
MSSQL Server 2005 Express	2.0	4.4	8.4	19.0	2.0	4.2	9.2	18.1	1.9	2.8	10.9	20.2	3.4	6.7	12.1	21.5
MSSQL Server 2008 R2 Express	2.0	4.1	8.5	16.9	1.8	3.6	7.9	18.3	1.8	2.5	8.1	17.0	4.7	5.4	11.4	23.3
MSSQL Server 2012 Express	1.9	4.1	8.2	18.3	1.8	4.1	8.6	16.8	1.9	2.6	13.2	18.6	2.1	4.2	8.6	18.4
Microsoft SQL Server 2008 Developer Edition	1.8	4.0	7.9	16.7	1.8	4.3	8.3	19.1	1.8	2.6	7.6	16.8	1.8	4.1	8.4	17.6
Microsoft SQL Server 2012 Enterprise Edition	1.9	3.9	7.2	16.5	1.7	4.3	8.2	19.2	1.9	4.6	8.0	16.2	2.1	4.7	8.4	15.8
MySQL 5.5	2.4	5.4	14.9	51.1	1.6	6.4	25.0	52.2	2.6	5.5	12.1	49.5	2.7	2.9	23.0	1:07.4

Generating sale and purchase operation

Number of Items:	10,000	25,000	50,000	100,000
RAM:	4	4	4	4
Server Type:				
MSSQL Server 2005 Express	5.8	7.2	10.9	16.8
MSSQL Server 2008 R2 Express	4.6	6.3	8.9	15.5
MSSQL Server 2012 Express	3.1	4.8	7.2	13.5
Microsoft SQL Server 2008 Developer Edition	3.6	4.8	8	14.3
Microsoft SQL Server 2012 Enterprise Edition	3.1	4.6	8.2	15.5
MySQL 5.5	3.1	4.6	8.2	15.5

Parameters of the computer:

Windows 7 Enterprise SP1
 AMD Athlon™ 64 X2 Dual Core Processor 3800+ 2.01 GHz
 4.00 Gb (3.50 Gb usable)
 32-bit Operating System
 500 Gb HDD, SATA

Availability to date

Items quantity

Generating a report for availability to date, items quantity

Number of rows in a operation:	50,000				100,000				500,000				1,000,000			
	10,000	25,000	50,000	100,000	10,000	25,000	50,000	100,000	10,000	25,000	50,000	100,000	10,000	25,000	50,000	100,000
Number of items:	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
RAM:	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Server Type:																
MSSQL Server 2005 Express	2.9	4.4	7.5	13.5	4.6	4.7	7.4	13.7	13.8	17.1	22.7	29.1	35.9	38.6	41.5	1:03.2
MSSQL Server 2008 R2 Express	3.2	4.2	7.0	12.5	3.9	4.2	7.3	13.2	12.9	15.3	19.7	26.3	30.6	32.8	36.5	52.3
MSSQL Server 2012 Express	2.8	3.7	7.0	14.2	4.9	5.8	8.2	15.1	14.1	15.4	20.6	26.5	31.2	34.0	37.6	53.4
Microsoft SQL Server 2008 Developer Edition	2.3	3.3	6.0	12.6	4.3	5.0	7.3	13.2	9.4	12.0	15.7	16.3	22.5	21.9	27.3	32.3
Microsoft SQL Server 2012 Enterprise Edition	2.4	3.5	6.5	12.4	4.5	5.5	8.1	12.9	8.8	11.1	15.7	16.5	22.0	22.7	26.1	29.3
MySQL 5.5	4.9	8.1	18.5	43.9	10.8	17.8	28.9	52.9	45.7	48.9	54.9	1:22.1	1:21.8	1:26.3	1:35.6	2:10.3
MSSQL Server 2005 Express	2.2	5.1	10.1	19.8	2.3	5.2	9.8	19.6	2.5	5.0	10.0	19.7	2.4	5.0	10.2	18.9
MSSQL Server 2008 R2 Express	2.4	4.8	9.1	17.9	2.1	4.6	9.2	18.2	2.1	4.6	9.4	18.3	2.2	4.9	9.8	19.4
MSSQL Server 2012 Express	2.2	4.7	9.0	18.4	2.1	4.6	8.7	18.5	2.1	3.0	8.1	17.1	2.0	5.1	9.9	19.3
Microsoft SQL Server 2008 Developer Edition	1.9	4.0	7.9	15.7	1.8	3.9	7.4	16.1	1.7	2.7	7.3	15.3	1.8	3.9	7.2	14.8
Microsoft SQL Server 2012 Enterprise Edition	1.9	3.9	7.6	15.5	1.7	3.9	7.3	16.3	1.9	2.8	7.9	16.6	1.8	3.8	7.6	16.5
MySQL 5.5	2.3	5.6	10.6	23.6	2.3	5.2	11.0	23.6	2.3	5.1	10.6	21.8	2.6	5.9	11.5	24.0