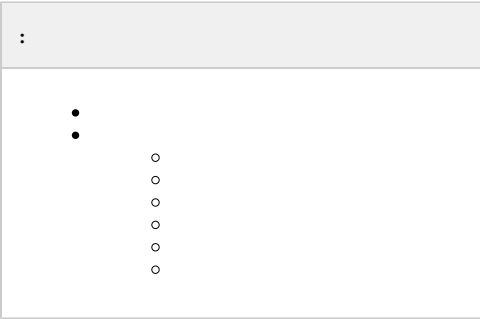




X :

1. / (IOPS) , IOPS X.

X 4 () 10 . , 10 , , .

(, .).

IOPS X.

	~3,6 /с	~3,6 /с
IOPS () ()	IOPS () = 0,29 * N IOPS () = 0,035 * M	IOPS () = 0,065 * M IOPS () = 0,035 * M
IOPS ()	IOPS () = 0,035 * R * S	
IOPS	IOPS () = 0,29 * N IOPS () = 0,035 * M + 0,035 * R * S	IOPS () = 0,065 * M IOPS () = 0,035 * M + 0,035 * R * S
• N – ; • – , , /; • R – 1x, /; • S – .		

2. (RAID-) - (write-back).

X , , , , () . , .

X Windows 10 , Linux 5 .

, , .

:

0 = () * - * (/) * 3,51 * (/) * () ,

- ;
- - , , ;
(/) - , , ;
3,51 = (60 * 60 * 60) / (1024) - / ;
(/) - ;
0 - , , .



640480 :

H.264	8 17
MPEG4	8 35
MJPEG	23 60

,, , .



, 2, 4 ().

() :

1 4- 25 / 640480, 24	H.264: 500 1 MPEG4: 500 2 MJPEG: 1.3 3.5
1 16- 12 / 640480, 12	H.264: 500 1 MPEG4: 500 2 MJPEG: 1.3 3.5
1 4- 25 / 1280960, 24	H.264: 2 4 MPEG4: 2 8 MJPEG: 5.3 14

. :

() = D * T * (0,04 /);
() = D * T * (0,12 /);
() = D * T * (0,48 /);

D – ,
– .

:

= N * T * (0,5 /) ;
= N * T * (1 /) c ;
= N * T * (5 /) c ,

N – . (.).
– . T = 30 .

, 15, .

1 .

, 100 .

7 512 .