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# Typical SKAT configuration options

Since 15.10.2013, the following typical configuration options are available when ordering SKAT SW along with the hardware, as a part of software-hardware complex. Budget prices are valid for orders placed with "IT-GRAD" LLC.:

## SKAT-6

| Property                                 | Value                                       |
|------------------------------------------|---------------------------------------------|
| Total traffic capacity                   | up to 6 Gb                                  |
| Hardware platform                        | 1U format server for mounting into 19" rack |
| Number of subscribers                    | 400K                                        |
| Max. number of sessions                  | 4M                                          |
| Max. number of a new sessions per second | 100K                                        |
| Network interfaces                       | 6 x 1GbE                                    |
| Latency                                  | < 30 $\mu$ s                                |

### Hardware specifications

| Hardware     | Specification                    | Q-ty |
|--------------|----------------------------------|------|
| Platform     | SuperMicro SYS-5018D-MTRF        | 1    |
| CPU          | E3-1240v2 (3.4Ghz) 4C            | 1    |
| RAM          | 8 GB                             | 2    |
| HDD          | 500 GB                           | 2    |
| RAID         | 0,1                              | 1    |
| Power supply | 400W                             | 2    |
| PCI-E        | 3.0 x8 (in x16) Full-height slot | 1    |
| NIC Bypass   | Silicom PEG6BPi6-SD-SQ1          | 1    |

The hardware price: contact us for quotations

## SKAT-20

| Property                                 | Value                                       |
|------------------------------------------|---------------------------------------------|
| Total traffic capacity                   | up to 20 Gb                                 |
| Hardware platform                        | 1U format server for mounting into 19" rack |
| Number of subscribers                    | 2M                                          |
| Max. number of sessions                  | 16M                                         |
| Max. number of a new sessions per second | 250K                                        |
| Network interfaces                       | 2 x 10GbE                                   |
| Latency                                  | < 30 $\mu$ s                                |

### Hardware specifications SR (low budget version)

| Hardware     | Specification             | Q-ty |
|--------------|---------------------------|------|
| Platform     | SuperMicro SYS-5017R-MF   | 1    |
| CPU          | E5-1620 OEM               | 1    |
| RAM          | 8 GB                      | 4    |
| HDD          | 500 GB                    | 2    |
| RAID         | 0,1                       | 1    |
| Power supply | 350W                      | 1    |
| PCI-E        | 3.0 x16 Full-height slot  | 1    |
| NIC Bypass   | Silicom PE210G2BPI-SR-SQ1 | 1    |

The hardware price: contact us for quotations

### Hardware specifications SR (recommended version)

| Hardware     | Specification                                        | Q-ty |
|--------------|------------------------------------------------------|------|
| Platform     | Dell r620                                            | 1    |
| CPU          | E5-2640                                              | 1    |
| RAM          | 8 GB                                                 | 4    |
| HDD          | 500 GB                                               | 2    |
| RAID         | 0,1                                                  | 1    |
| Power supply | 750W                                                 | 2    |
| PCI-E        | one connector x16, speed x16, full heigh, 3/4 length | 1    |
| NIC Bypass   | Silicom PE210G2BPI-SR-SQ1                            | 1    |

The hardware price: contact us for quotations

### Hardware specifications LR (recommended version)

| Hardware     | Specification                                        | Q-ty |
|--------------|------------------------------------------------------|------|
| Platform     | Dell r620                                            | 1    |
| CPU          | E5-2640                                              | 1    |
| RAM          | 8 GB                                                 | 4    |
| HDD          | 500 GB                                               | 2    |
| RAID         | 0,1                                                  | 1    |
| Power supply | 750W                                                 | 2    |
| PCI-E        | one connector x16, speed x16, full heigh, 3/4 length | 1    |
| NIC Bypass   | Silicom PE210G2BPI-LR-SQ1                            | 1    |

The hardware price: contact us for quotations

**We place a preliminary order for all the above mentioned equipment. This helps reduce delivery time. All configurations pass booth tests before delivery.**

Note: If the equipment you have does not meet these specifications, you are welcome to order ПAK.

**The equipment with other specifications can be delivered by the individual order. The delivery term is no shorter than 8 weeks.**

