

Management and monitoring system

## **Eltex.EMS. PON devices sector**

Hardware and software requirements  
Firmware version 3.32

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## 1 Hardware and software requirements

The following system requirements should be considered during server selection (requirements are provided for VMs without considering system backup).

Number of devices	VM name	CPU core, Xeon	RAM, GB	HDD, GB	Functions
up to 10 OLT up to 5000 ONT	EMS	4, 64-bit x86 CPUs	8	200	MS, DBMS core, DHCP for client devices (ONT)
from 10 to 200 OLT up to 100000 ONT	EMS	4, 64-bit x86 CPUs	16	500	MS, DBMS core, DHCP for client devices (ONT)
from 200 to 400 OLT up to 200000 ONT	EMS	8, 64-bit x86 CPUs	32	100	MS core, DHCP for client devices (ONT)
	DataBase	4, 64-bit x86 CPUs	32	1000	DBMS
more than 400 OLT more than 200000 ONT	Individual multi-host installation. Consultation with technical support is required.				

### Eltex.EMS software requirements

For EMS version 3.32, the following conditions are mandatory:

Operating system: Ubuntu 18.04 LTS×64;

Java: Oracle Java 8;

Tomcat: Apache Tomcat 7;

MySQL: MySQL server 5.5.

### Operator workplace

Processor: CPU Pentium E5700 3.0 GHz;

RAM: no less than 3 GB (4 GB or more is recommended);

HDD: 80 GB;

LAN: Ethernet 100/1000 Mbps;

Monitor resolution: no less than 1366×768 (1920×1080 is recommended);

Operating system: MS Windows 7, 8, 8.1, 10 or Linux;

Java JRE virtual machine version: no less than 1.8.0 - 151 (build 1.8.0\_151-b12)).

## TECHNICAL SUPPORT

For technical assistance in issues related to handling Eltex Ltd. equipment, please, address to Service Center of the company:

<https://eltex-co.com/support/>

You are welcome to visit Eltex official website to get the relevant technical documentation and software, to use our knowledge base or consult a Service Center Specialist.

<http://www.eltex-co.com/>

<http://www.eltex-co.com/support/downloads/>