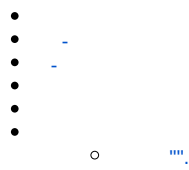


(nested) KVM



 :

- Astra Linux Special Edition .10015-01 (1.7), .10015-10
- Astra Linux Special Edition .10015-17
- Astra Linux Special Edition .10015-37 (7.7)
- Astra Linux Special Edition .10015-03 (7.6)
- Astra Linux Special Edition .10152-02 (4.7)
- Astra Linux Special Edition .10015-01 (1.6)
- Astra Linux Special Edition .10015-16 . 1
- Astra Linux Special Edition .10015-16 . 2
- Astra Linux Special Edition .10265-01 (8.1)
- Astra Linux Common Edition 2.12

(-)- . , "" .

 () .

 , :

1. Intel AMD;

2. nested ;

-

Intel AMD - kvm_intel kvm_amd. , , :

lsmod | grep kvm

, , , :

Intel (kvm_intel)	AMD (kvm_amd)
cat /sys/module/kvm_intel/parameters/nested	cat /sys/module/kvm_amd/parameters/nested

, Y 1.
, N 0.

-

1. , :
- a. ;

b. ;

Intel (kvm_intel)	AMD (kvm_amd)
--------------------	----------------

<code>sudo modprobe -r kvm_intel</code>	<code>sudo modprobe -r kvm_amd</code>
---	---------------------------------------

c. :

Intel (kvm_intel)	AMD (kvm_amd)
<code>sudo modprobe kvm_intel nested=1</code>	<code>sudo modprobe kvm_amd nested=1</code>

2. , :

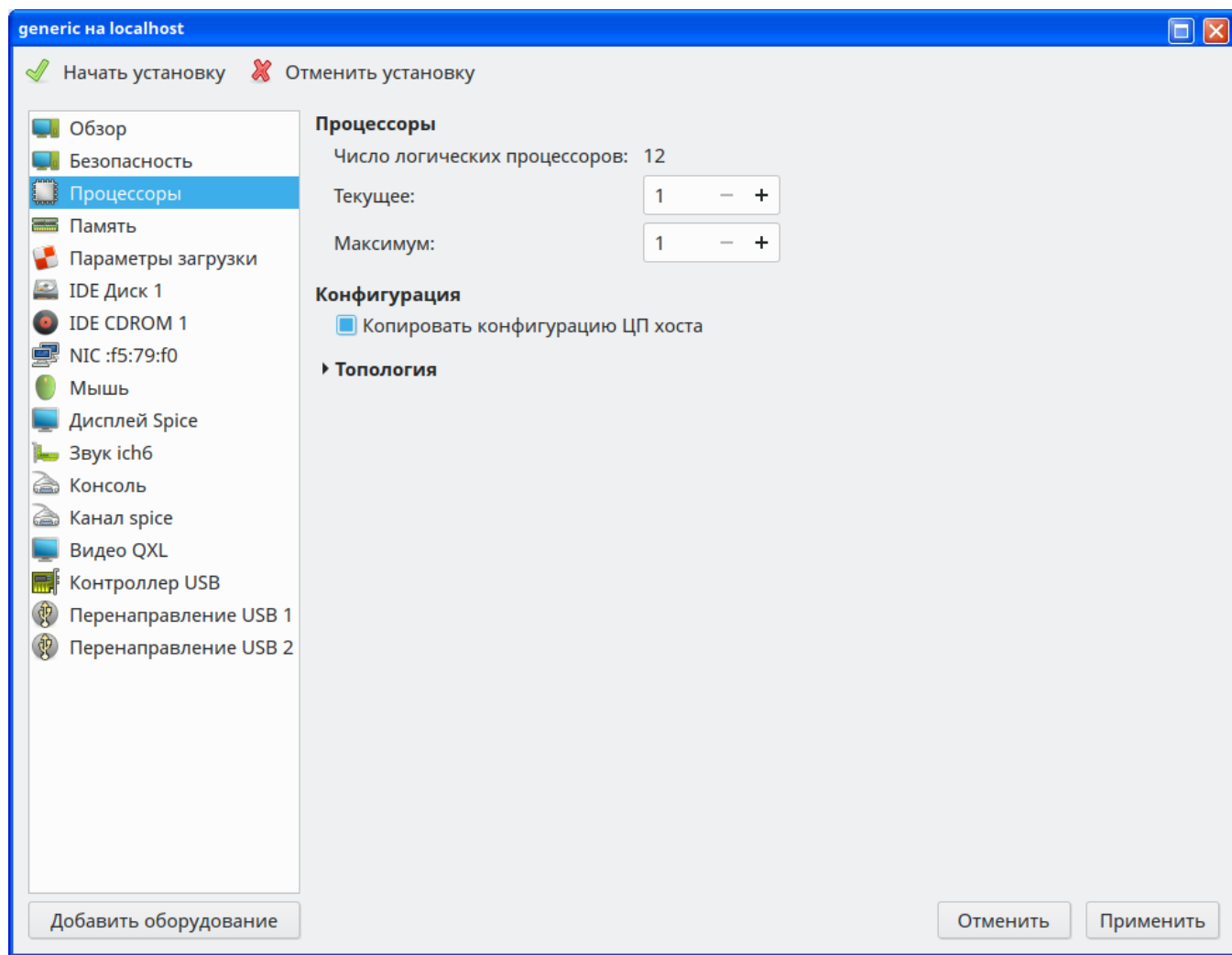
a. (-) /etc/modprobe.d/kvm.conf, :

Intel (kvm_intel)	AMD (kvm_amd)
<code>options kvm_intel nested=1</code>	<code>options kvm_amd nested=1</code>

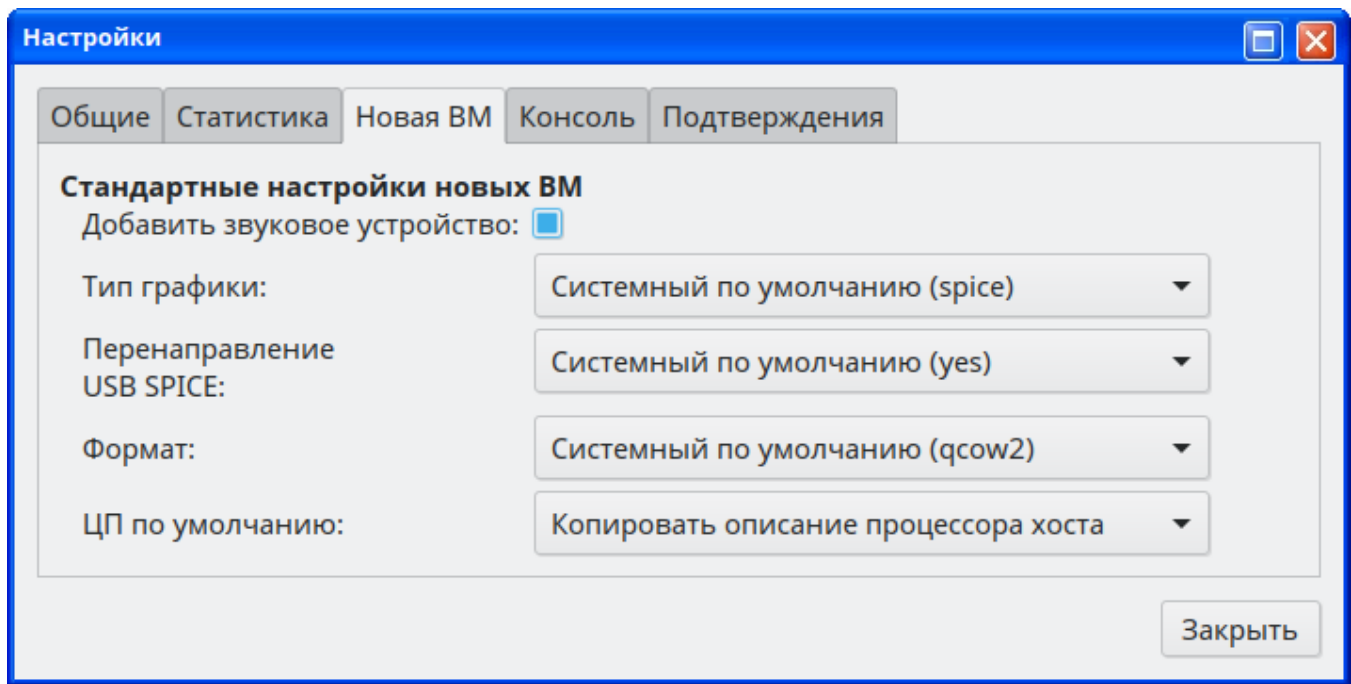
b. :

`sudo reboot`

- 1. ;
- 2. , ;
- 3. " " ;
- 4. "" ;
- 5. " " ;
- 6. "" ;



- 〃 〃 - 〃〃〃 - 〃〃〃 - 〃 〃 〃.
- . 〃 〃 〃 〃 〃.



:

1. `libvirt-clients`:

```
sudo apt install libvirt-clients
```

2. :

```
sudo virt-host-validate
```

```
QEMU: Checking for hardware
virtualization                : PASS
QEMU: Checking if device /dev/kvm
exists                        : PASS
QEMU: Checking if device /dev/kvm is
accessible                   : PASS
QEMU: Checking if device /dev/vhost-net
exists                       : PASS
QEMU: Checking if device /dev/net/tun
exists                       : PASS
```

PASS, .

"".

:

1. " ";
2. : "" (4);
3. " USB EvTouch";

