

lowlatency Astra Linux

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- Astra Linux Special Edition .10015-01 (1.7)
[2022-1110SE17 \(1.7.3\)](#)
- Astra Linux Special Edition .10015-10 **2022-1110SE17 (1.7.3)**
- Astra Linux Special Edition .10015-17
- Astra Linux Special Edition .10015-37 (7.7)
[2022-1110SE17 \(1.7.3\)](#)

Astra Linux Special Edition .10015-01 (1.7) 2022-1110SE17 (1.7.3) generic () hardened () lowlatency.

Figure 1. The architecture of the proposed system. The system is designed to process input data (represented by a grid of dots) through a series of layers, including a low-latency layer (indicated by a dashed box) and a final output layer. The architecture is labeled as "low-latency" and "low-latency" in the diagram.

(latency) TPC (), —FPS (,).

''' (jitter) — . , , — , . . : , - .

• () - 250 , lowlatency - 1000 .



```
lowlatency 1000 . , . .
```

, , •

```
generic      * , , ,      * , , " " .
```

lowlatency , , . , , , . . " "

: (), lowlatency, .

lowlatency .

- , **TPC**, lowlatency .
- , , , " , 95- 500 " . lowlatency.
- , (,) , () , lowlatency .

lowlatency

1. . , , (generic) lowlatency.
2. () " " " FullHD", generic lowlatency .
3. (, ,) lowlatency , , , (, FPS). lowlatency .
4. lowlatency ;
5. lowlatency , .

```
, , , /boot/ /boot/config-*, ( ) :
```

```
grep CONFIG_HZ= /boot/config-*
```

:

```
/boot/config-5.15.0-33-lowlatency:CONFIG_HZ=1000  
/boot/config-5.4.0-110-generic:CONFIG_HZ=250  
/boot/config-5.4.0-54-generic:CONFIG_HZ=250
```

: 3 (5.15.0-33-lowlatency, 5.4.0-110-generic, 5.4.0-54-generic), lowlatency 1000, - (generic) 250 .

, , :

```
uname -r
```

lowlatency

lowlatency Astra Linux Special Edition .10015-01 (1.7) [2022-1110SE17 \(1.7.3\)](#). :

```
sudo apt install linux-5.15-lowlatency
```