

Google changed the approach to distribution of RAM in Pixel 10 smartphones. Now out of 12 GB, only about 9 GB is available to the user - the remaining 3 GB are constantly reserved for the AI-Core and Tensor G5 tensor processor.

This is done so that built-in neural -melted functions - such as Live Translate, decryption of calls or Pixel Journal - were launched instantly and did not require loading models from memory at every handling.

In the last generation, Pixel 9 conventional versions gave all the memory for the applications, and the reserve was only among the Pro models with 16 GB of RAM. Now, even the basic smartphones have received a constant "piece" of RAM, assigned to AI.

```
frankel:/ $ cat /proc/meminfo
MemTotal:      11817424 kB
MemFree:       1907724 kB
MemAvailable:  3193408 kB
Buffers:        1016 kB
Cached:        5391996 kB
SwapCached:     996 kB
Active:        979624 kB
Inactive:      2767724 kB
Active(anon):  109892 kB
Inactive(anon): 1672108 kB
Active(file):  869732 kB
Inactive(file): 1095616 kB
Unevictable:   3416628 kB
Mlocked:       3416628 kB
SwapTotal:     5908708 kB
SwapFree:      4680744 kB
```

Android Authority

Pixel 10 users are available only 9 out of 12 GB of RAM - the rest is always allocated for AI

For most users, this will not be noticeable: 8-9 GB is still enough for multitasking and heavy games. But those who rarely use AI services can calculate such a solution with an empty waste of resources.

However, Google clearly relies on the fact that AI will become a key element of the experience of using Pixel.