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
```

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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.