



# AMD Ryzen AI Max+ 395 Radeon 8060S (Strix Halo) vs AMD Ryzen AI Max 385 Radeon 8050S (Strix Halo)

Side by side datacenter GPU specifications from the Flopper.io database.

## OVERVIEW

|                  | AMD Ryzen AI Max+ 395 Radeon 8060S (Strix Halo) | AMD Ryzen AI Max 385 Radeon 8050S (Strix Halo) |
|------------------|-------------------------------------------------|------------------------------------------------|
| FP32 TFLOPS      | 29.7                                            | 22.9                                           |
| VRAM             | 128 GB                                          | 128 GB                                         |
| Memory Bandwidth | 256 GB/s                                        | 256 GB/s                                       |
| TDP              | 55 W                                            | 55 W                                           |

## PERFORMANCE BY PRECISION

| Precision | AMD Ryzen AI Max+ 395 Radeon 8060S (Strix Halo) peak TFLOPS (dense) | AMD Ryzen AI Max 385 Radeon 8050S (Strix Halo) peak TFLOPS (dense) |
|-----------|---------------------------------------------------------------------|--------------------------------------------------------------------|
| FP64      | —                                                                   | —                                                                  |
| FP32      | 29.7                                                                | 22.9                                                               |
| TF32      | —                                                                   | —                                                                  |
| BF16      | —                                                                   | —                                                                  |
| FP16      | —                                                                   | —                                                                  |
| FP8       | —                                                                   | —                                                                  |
| FP6       | —                                                                   | —                                                                  |
| FP4       | —                                                                   | —                                                                  |
| INT8      | —                                                                   | —                                                                  |

## SPECIFICATIONS

|              | AMD Ryzen AI Max+ 395 Radeon 8060S (Strix Halo) | AMD Ryzen AI Max 385 Radeon 8050S (Strix Halo) |
|--------------|-------------------------------------------------|------------------------------------------------|
| Architecture | RDNA 3.5                                        | RDNA 3.5                                       |
| Process Node | 4nm                                             | 4nm                                            |
| Launch Year  | 2025                                            | 2025                                           |

|                 | AMD Ryzen AI Max+ 395 Radeon 8060S<br>(Strix Halo) | AMD Ryzen AI Max 385 Radeon 8050S<br>(Strix Halo) |
|-----------------|----------------------------------------------------|---------------------------------------------------|
| Form Factor     | SoC                                                | SoC                                               |
| Memory Type     | LPDDR5X                                            | LPDDR5X                                           |
| Interface Width | 256-bit                                            | 256-bit                                           |
| Interconnect    | —                                                  | —                                                 |
| TDP             | 55 W                                               | 55 W                                              |
| FP32 Efficiency | 0.54 TFLOPS/W                                      | 0.42 TFLOPS/W                                     |