

# AMD Radeon PRO W6600 8GB vs AMD Radeon PRO W6800 32GB

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

## OVERVIEW

|                  | AMD Radeon PRO W6600 8GB | AMD Radeon PRO W6800 32GB |
|------------------|--------------------------|---------------------------|
| FP32 TFLOPS      | 10.4                     | 17.8                      |
| VRAM             | 8 GB                     | 32 GB                     |
| Memory Bandwidth | 224 GB/s                 | 512 GB/s                  |
| TDP              | 130 W                    | 250 W                     |

## PERFORMANCE BY PRECISION

| Precision | AMD Radeon PRO W6600 8GB peak TFLOPS (dense) | AMD Radeon PRO W6800 32GB peak TFLOPS (dense) |
|-----------|----------------------------------------------|-----------------------------------------------|
| FP64      | —                                            | 1.1                                           |
| FP32      | 10.4                                         | 17.8                                          |
| TF32      | —                                            | —                                             |
| BF16      | —                                            | —                                             |
| FP16      | 20.8                                         | 35.7                                          |
| FP8       | —                                            | —                                             |
| FP6       | —                                            | —                                             |
| FP4       | —                                            | —                                             |
| INT8      | —                                            | —                                             |

## SPECIFICATIONS

|                 | AMD Radeon PRO W6600 8GB | AMD Radeon PRO W6800 32GB |
|-----------------|--------------------------|---------------------------|
| Architecture    | RDNA 2                   | RDNA 2                    |
| Process Node    | 7nm                      | 7nm                       |
| Launch Year     | 2021                     | 2021                      |
| Form Factor     | PCIe                     | PCIe                      |
| Memory Type     | GDDR6                    | GDDR6                     |
| Interface Width | 128-bit                  | 256-bit                   |
| Interconnect    | —                        | —                         |

|                 | AMD Radeon PRO W6600 8GB | AMD Radeon PRO W6800 32GB |
|-----------------|--------------------------|---------------------------|
| TDP             | 130 W                    | 250 W                     |
| FP32 Efficiency | 0.08 TFLOPS/W            | 0.07 TFLOPS/W             |