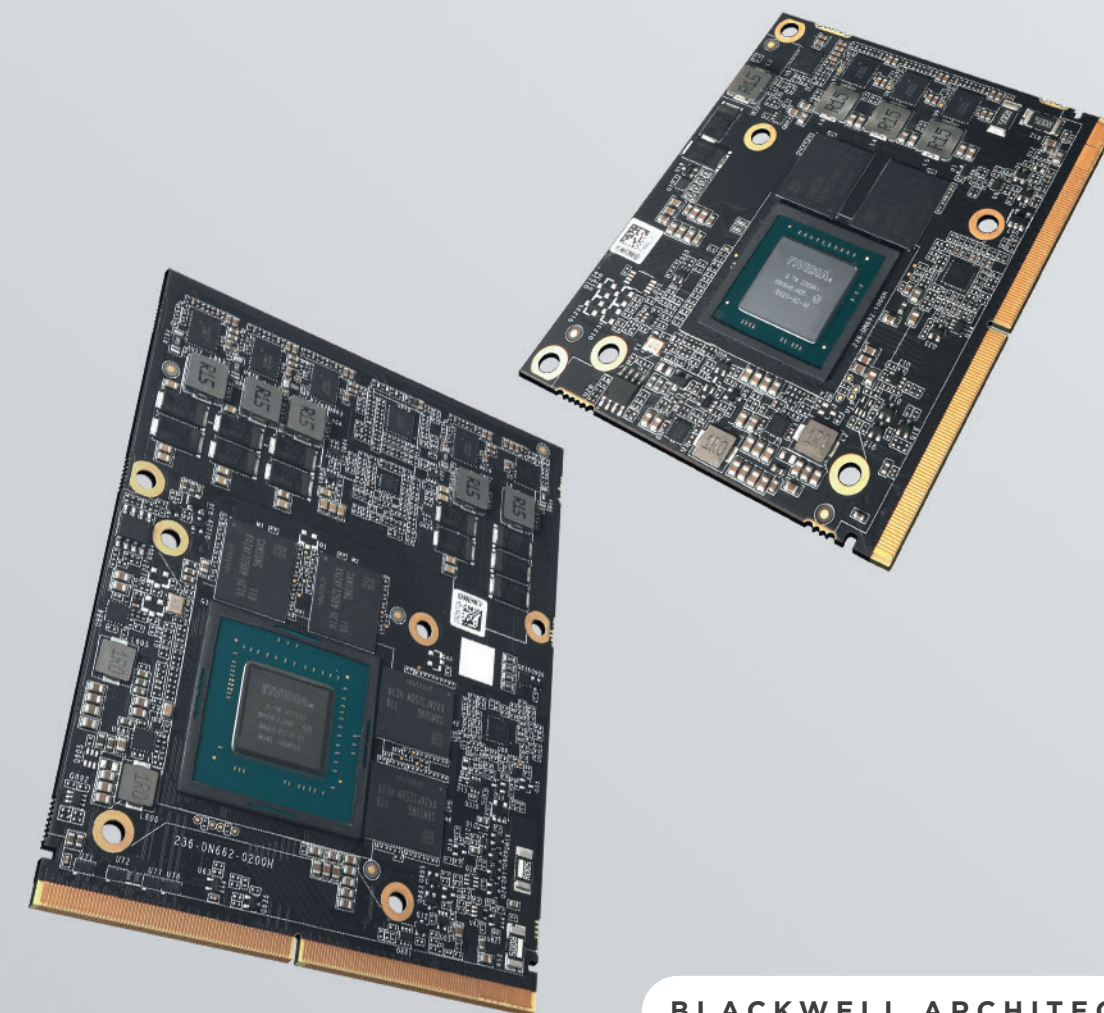




PROFESSIONAL, EMBEDDED MXM GPU

PRODUCT CATALOG 2025



BLACKWELL ARCHITECTURE

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| | | | GPU MODEL | FORM FACTOR | INTERFACE | CUDA CORES | RT CORES | TENSOR CORES | GPU CLOCK | GPU BOOST CLOCK | GPU MEMORY | GPU MEMORY BANDWIDTH | ECC | PEAK GRAPHICS PERFORMANCE (PEAK FP32) | DISPLAY OUTPUTS | MAX SINGLE DISPLAY RESOLUTION | TOTAL GRAPHICS POWER | EOL TIMEFRAME | MTBF (@25°C) |
|-----------------|-------------|---|-------------------------|-----------------|-------------------|------------|----------|--------------|-----------|----------------------|--------------------|----------------------|-----------|---------------------------------------|---------------------------|-------------------------------|----------------------|---------------|--------------|
| EN22 MXM SERIES | | | | | | | | | | | | | | | | | | | |
| BLACKWELL | EMB-G797-A0 |  | NVIDIA RTX PRO 500 | MXM 3.1 Type A | PCIe 4.0 x4 / x8 | 1,792 | 14 GEN4 | 56 GEN5 | 2,160 MHZ | 2,565 MHZ @ 60W | 6GB GDDR7 | 288 GBPS | - | 9.2 TFLOPS | 3 x DP 2.1a, HDMI2.1b | 7680 x 4320 @ 60Hz | 60W | ~Q3 2030 | TBD |
| | EMB-G797-B0 |  | NVIDIA RTX PRO 2000 | MXM 3.1 Type A | PCIe 4.0 x4 / x8 | 3,328 | 26 GEN4 | 104 GEN5 | 1,522 MHZ | 2,070 MHZ @ 60W | 8GB GDDR7 | 384 GBPS | SUPPORTED | 13.8 TFLOPS | 3 x DP 2.1a, HDMI2.1b | 7680 x 4320 @ 60Hz | 60W | ~Q3 2030 | TBD |
| | EMB-G800-A0 |  | NVIDIA RTX PRO 2000 | MXM 3.1 Type B | PCIe 4.0 x4 / x8 | 3,328 | 26 GEN4 | 104 GEN5 | 2,160 MHZ | 2,662 MHZ @ 100W | 8GB GDDR7 | 384 GBPS | SUPPORTED | 17.7 TFLOPS | 3 x DP 2.1a, HDMI2.1b | 7680 x 4320 @ 60Hz | 100W | ~Q3 2030 | TBD |
| | EMB-G798-B1 |  | NVIDIA RTX PRO 4000 | MXM 3.1 Type B* | PCIe 4.0 x8 / x16 | 7,680 | 60 GEN4 | 240 GEN5 | 1,545 MHZ | 2,197 MHZ @ 115W | 16GB GDDR7 | 896 GBPS | SUPPORTED | 33.7 TFLOPS | 4 x DP 2.1a, HDMI2.1b | 7680 x 4320 @ 60Hz | 150W | ~Q3 2030 | TBD |
| | EMB-G798-A1 |  | NVIDIA RTX PRO 5000 | MXM 3.1 Type B* | PCIe 4.0 x8 / x16 | 10,496 | 80 GEN4 | 320 GEN5 | 1,402 MHZ | 1,935 MHZ @ 115W | 24GB GDDR7 | 896 GBPS | SUPPORTED | 40.6 TFLOPS | 4 x DP 2.1a, HDMI2.1b | 7680 x 4320 @ 60Hz | 150W | ~Q3 2030 | TBD |
| EN21 MXM SERIES | | | | | | | | | | | | | | | | | | | |
| ADA LOVELACE | EMB-G733-A0 |  | NVIDIA RTX 2000 | MXM 3.1 Type A | PCIe 4.0 x4 / x8 | 3,072 | 24 GEN3 | 96 GEN4 | 1,635 MHZ | 2,115 MHZ @ 60W | 128-bit 8GB GDDR6 | 256 GBPS | SUPPORTED | 13 TFLOPS | 3 x DP 1.4a | 7680 x 4320 @60Hz | 60W | ~Q1 2028 | ~132,451 hrs |
| | EMB-G736-A0 |  | NVIDIA RTX 2000 | MXM 3.1 Type B | PCIe 4.0 x4 / x8 | 3,072 | 24 GEN3 | 96 GEN4 | 2,295 MHZ | 2,395 MHZ @ 115W | 128-bit 8GB GDDR6 | 256 GBPS | SUPPORTED | 14.5 TFLOPS | 3 x DP 1.4a | 7680 x 4320 @60Hz | 115W | ~Q1 2028 | ~130,029 hrs |
| | EMB-G721-A0 |  | NVIDIA RTX 3500 | MXM 3.1 Type B | PCIe 4.0 x8 / x16 | 5,120 | 40 GEN3 | 160 GEN4 | 1,725 MHZ | 2,250 MHZ @115W | 192-bit 12GB GDDR6 | 432 GBPS | SUPPORTED | 23.0 TFLOPS | 4 x DP 1.4a, HDMI2.1 | 7680 x 4320 @60Hz | 115W | ~Q1 2028 | ~104,645 hrs |
| | EMB-G721-B0 |  | NVIDIA RTX 5000 | MXM 3.1 Type B | PCIe 4.0 x8 / x16 | 9,728 | 76 GEN3 | 304 GEN4 | 1,425 MHZ | 2,115 MHZ @ 115W | 256-bit 16GB GDDR6 | 576 GBPS | SUPPORTED | 42.7 TFLOPS | 4 x DP 1.4a, HDMI2.1 | 7680 x 4320 @60Hz | 115W | ~Q1 2028 | ~95,196 hrs |
| EN20 MXM SERIES | | | | | | | | | | | | | | | | | | | |
| AMPERE | EMB-G692-A1 |  | NVIDIA RTX A500 | MXM 3.1 Type A | PCIe 4.0 x4 | 2,048 | 16 GEN2 | 64 GEN3 | 1,155 MHZ | 1,777 MHZ @ 45W | 64-bit 4GB GDDR6 | 112 GBPS | - | 7.3 TFLOPS | - | 4096 x 2160 @60Hz | 45W | Q1 2027 | ~133,785 hrs |
| | EMB-G665-C0 |  | NVIDIA RTX A1000 | MXM 3.1 Type A | PCIe 4.0 x4 / x8 | 2,048 | 16 GEN2 | 64 GEN3 | 1,192 MHZ | 1,627 MHZ @60W | 128-bit 4GB GDDR6 | 224 GBPS | - | 6.7 TFLOPS | 4 x DP 1.2, 1.4, HDMI2.1 | 4096 x 2160 @60Hz | 60W | Q1 2027 | ~109,809 hrs |
| | EMB-G665-B0 |  | NVIDIA RTX A2000 | MXM 3.1 Type A | PCIe 4.0 x4 / x8 | 2,560 | 20 GEN2 | 80 GEN3 | 1,087 MHZ | 1,552 MHZ @50W Max-Q | 128-bit 8GB GDDR6 | 224 GBPS | SUPPORTED | 7.9 TFLOPS | 4 x DP 1.2, 1.4, HDMI2.1 | 4096 x 2160 @60Hz | 50W Max-Q | Q1 2027 | ~109,809 hrs |
| | EMB-G662-B0 |  | NVIDIA RTX A1000 | MXM 3.1 Type B | PCIe 4.0 x4 / x8 | 2,048 | 16 GEN2 | 64 GEN3 | 1,470 MHZ | 1,822 MHZ @80W | 128-bit 4GB GDDR6 | 224 GBPS | - | 7.5 TFLOPS | 4 x DP 1.2, 1.4, HDMI2.1 | 4096 x 2160 @60Hz | 80W | Q1 2027 | ~107,992 hrs |
| | EMB-G662-A1 |  | NVIDIA RTX A2000 | MXM 3.1 Type B | PCIe 4.0 x4 / x8 | 2,560 | 20 GEN2 | 80 GEN3 | 1,387 MHZ | 1,815 MHZ @ 80W | 128-bit 8GB GDDR6 | 224 GBPS | SUPPORTED | 9.3 TFLOPS | 4 x DP 1.2,1.4, HDMI2.1 | 4096 x 2160 @60Hz | 80W | Q1 2027 | ~107,984 hrs |
| | EMB-G663-A1 |  | NVIDIA RTX A4500 | MXM 3.1 Type B | PCIe 4.0 x8 / x16 | 5,888 | 46 GEN2 | 184 GEN3 | 1,020 MHZ | 1,575 MHZ @125W | 256-bit 16GB GDDR6 | 512 GBPS | SUPPORTED | 18.5 TFLOPS | 5 x DP 1.2, 1.4, HDMI2.1 | 4096 x 2160 @60Hz | 125W | Q1 2027 | ~79,902 hrs |
| EN19 MXM SERIES | | | | | | | | | | | | | | | | | | | |
| TURING | EMB-G609-A2 |  | NVIDIA QUADRO T1000 | MXM 3.1 Type A | PCIe 3.0 x8 / x16 | 896 | - | - | 1,395 MHZ | 1,650 MHZ @50W | 128-bit 4GB GDDR6 | 192 GBPS | - | 3.0 TFLOPS | 4 x DP 1.2, 1.4b, HDMI2.0 | 4096 x 2160 @60Hz | 50W | Q1 2028 | ~89,594 hrs |
| | EMB-G623-A0 |  | NVIDIA QUADRO RTX™ 3000 | MXM 3.1 Type B | PCIe 3.0 x8 / x16 | 1,920 | 30 GEN1 | 240 GEN2 | 945 MHZ | 1,380 MHZ @80W | 128-bit 6GB GDDR6 | 336 GBPS | - | 5.3 TFLOPS | 5 x DP 1.2, 1.4b, HDMI2.0 | 4096 x 2160 @60Hz | 80W | Q1 2026 | ~73,442 hrs |
| | EMB-G608-A0 |  | NVIDIA QUADRO RTX™ 5000 | MXM 3.1 Type B* | PCIe 3.0 x8 / x16 | 3,072 | 48 GEN1 | 384 GEN2 | 1,035 MHZ | 1,530 MHZ @110W | 128-bit 16GB GDDR6 | 448 GBPS | - | 9.5 TFLOPS | 5 x DP 1.2, 1.4b, HDMI2.0 | 4096 x 2160 @60Hz | 110W | Q1 2026 | ~68,260 hrs |

*Please refer to specification sheet or consult sales for mechanical requirement