



3U VPX GPGPU Products

Product Name	GPU	Cuda Cores	Memory	Video Output(s)1	Video Output(s)2	Video Input(s)
BW5000E-CX7	NVIDIA Blackwell RTX 5000E, ConnectX-7	10496	24GB	High Performance Embedded Computing	-	-
BW5000E-VO-HPC	NVIDIA Blackwell RTX 5000E	10496	24GB	4	-	-
BW5000E-SWITCH	NVIDIA Blackwell RTX 5000E	10496	24GB	High Performance Embedded Computing	-	-
AD5000E-FGX2-CV	NVIDIA Ada RTX5000E	9728	16GB	1x DP	4x SDI	-
AD5000E-VO	NVIDIA Ada RTX5000E	9728	16GB	4	-	-
AD5000E-VO-CV	NVIDIA Ada RTX5000E	9728	16GB	3x DP	2x SDI	-
AD5000E-CX7	NVIDIA Ada RTX5000E, ConnectX-7	9728	16GB	High Performance Embedded Computing	-	-
AD2000E-FGX2-IO	NVIDIA Ada RTX2000E	3072	8GB	1	up to 4 12G-SDI or 2 ARINC 818	up to 2 12G-SDI or 4 3G-SDI or 2 ARINC 818, 2 CVBS
AD2000E-VO	NVIDIA Ada RTX2000E	3072	8GB	3	-	-
A4500E-VO	NVIDIA A4500E	5888	16GB	4	-	-
A4500E-CX7	NVIDIA A4500E, ConnectX-7	5888	16GB	-	-	-
A4500E-IO	NVIDIA A4500E	5888	16GB	2	2 3G-SDI, 2 Analog	2 3G-SDI
A2000E-FGX2-COAX	NVIDIA A2000	2560	8GB	-	4 12G-SDI	2 12G-SDI, 2 CVBS
ORIN-CX7-FGX2-SBC	NVIDIA Orin, ConnectX-7, FGX2	2048	64GB	1 MST DisplayPort or HDMI	2 SDI	2 SDI
ORIN-CX7-SBC	NVIDIA Orin, ConnectX-7	2048	64GB	1 MST DisplayPort or HDMI	-	-
ORIN-SBC	NVIDIA Orin	2048	64GB	1 MST DisplayPort or HDMI	-	-
ORIN-CX7-HPC	NVIDIA Orin, ConnectX-7	2048	64GB	-	-	-

In Development

Wolf Advanced Technology (WOLF), an OEM partner of NVIDIA, is proud to announce its upcoming line of rugged embedded computing products accelerated by NVIDIA® Jetson Thor™ as well as our attendance at this year's GTC Conference in Washington D.C.

Next-Level AI Performance

The NVIDIA Jetson Thor platform, built on the advanced NVIDIA Blackwell architecture, delivers up to 2070 FP4 TFLOPS with 128 GB of high-bandwidth LPDDR5X memory in a compact, power-configurable module (40 W–130 W). With features such as Multi-Instance GPU (MIG) for secure resource partitioning, Jetson Thor sets a new benchmark for mission-critical aerospace applications.

WOLF's Enhanced Solution Stack

WOLF amplifies Jetson Thor's capabilities with:

- **High-speed networking** through NVIDIA ConnectX-7, PCIe Gen5, and up to 200GE
- **Sensor fusion** enabled by FGX technology supporting ARINC-818, CoaXPress, SDI, and analog video
- **Mission-ready performance** with deterministic networking, ≥1TB secure storage, and a 14-core Arm® Neoverse®-V3AE CPU with integrated accelerators

Looking ahead, WOLF's roadmap includes the **16T5, 16TZ, and 16T0** products—each integrating the NVIDIA® Jetson Thor™ into ruggedized computing platforms. These solutions will extend Jetson Thor's capabilities into even more demanding environments, delivering scalable, mission-ready AI acceleration for next-generation aerospace applications.

Additional TPT Value Added System Integration Products

- [アビオニクスデータバス \(1553, 429, AFDX, CANBus, TTE, TSN\)](#)
- [シングルボードコンピュータ \(Intel, PowerPC, ARM\)](#)
- [堅牢型サーバ、スイッチ \(高性能コンピュータ, サイバー防護機能付記憶媒体\)](#)
- [電源供給ユニット \(3U または 6U の VPX\)](#)
- [テレメトリ \(小型データリンク転送システム\)](#)
- [Synchro/Resolver、LVDT/RVDT 機器およびボード](#)
- [DO-178C 対応 RTOS \(MOSA.ic for Avionics\)](#)

For more information Contact TPT KK



詳細はメール (sales.t@tptech.co.jp) でのお問い合わせもしくはホームページ (<http://www.tptech.co.jp/>) をご参照ください。

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