

Accessible adaptive compute for space.

The next evolution of our TRL 9 Kestrel platform, this adaptive compute module is built around the AMD Versal 2VE3358 with heterogeneous processing. It combines deterministic processing, FPGA acceleration, & mission flexibility in a flight-ready architecture.

DELIVERIES
BEGIN 2027

AI Performance	60 TOPS	Power (Idle)	~3-5 W
AI Engines	24x AIE-ML	Power (Efficiency)	~15-25 W
FPGA	94,592 LUTs	Power (Max)	~50 W
CPU	8 Core APU, 10 Core RPU	Input Voltage	12-36 VDC
RAM	8 GB 256-bit DRAM	Mass	~675 g
Carrier eMMC / SSD	32 GB / 1 TB	Size	118.2 x 100.0 x 30.2 mm
Heritage*	TRL3		