



EPIC 1U

Our experience in the delivery of CubeSat missions for a wide range of applications means that our EPIC and EPIC PLUS platforms have the versatility to meet the requirements of the vast majority of payloads.

The EPIC 1U and EPIC 1U PLUS CubeSat range proves that even the smallest satellites can deliver impressive performance. For most satellite payloads, trying to squeeze into a 1U is like trying to fit an elephant in the Apollo lunar module, but for many applications the limited volume is ideal. Selecting the EPIC 1U range for your mission means that you benefit from our flight proven avionics and enjoy the cost savings of a 1U launch. Small in size but massive in value, the AAC Clyde Space EPIC 1U and EPIC 1U PLUS offers the same quality design and build, flight proven performance, unrivalled operational up-time and excellent customer service as all our spacecraft products.

PRODUCT DETAIL

	EPIC 1U PLUS	EPIC 1U
Payload Volume (min)	0.2U	0.3U
Peak Payload Power	30 W	15 W
Power Bus	VBAT 3.3V, 5V and 12V	
Energy Storage (min)	20Whr	10Whr
Pointing (min)	<5°	
Stability	0.02°/s	
Data Storage (min)	4GB	
Reliability	EPIC-SAFE	
Data Bus	I2C, CAN, UART, QSPI, LVDS, RS232, RS422	
Data Downlink	9.6Kbps	
Frequency	VHF/UHF	
Framing	CCSDS Compatible	
Security	AES256 Encryption Authentication	
Design Lifetime	5yr	