



EPIC 3U

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 3U and EPIC 3U PLUS CubeSat range is our most popular spacecraft. With many AAC Clyde Space 3U CubeSats produced and operating on orbit, this range of spacecraft arguably offers the best value to orbit of any satellites. The combination of our commitment to quality design and build, flight proven performance, unrivalled operational up-time and excellent customer service means that our EPIC 3U range is the professional's choice for CubeSat missions that need to deliver.

PRODUCT DETAIL

	EPIC 3U PLUS	EPIC 3U
Payload Volume (min)	1.5 U	2 U
Peak Payload Power	120 W	60 W
Power Bus	VBAT 3.3V, 5V and 12V	VBAT 3.3V, 5V & 12V
Energy Storage (min)	80 Wh	40 Wh
Pointing (min)	<0.1°	
Stability	0.005°/s	
Data Storage (min)	4 GB	
Reliability	EPIC-SAFE	
Data Bus	I2C, CAN, UART, QSPI, LVDS, RS232, RS422	
Data Downlink	100Mbps/9.6Kbps	8Mbps/9.6Kbps
Frequency	X/VHF/UHF	S/VHF/UHF
Framing	CCSDS Compatible	CCSDS Compatible
Security	AES256 Encryption Authentication	AES256 Encryption, Authentication
Design Lifetime	5yr	