

IoT Products Comparison



	Iridium Edge® MODEL # EDGE9680	Iridium Edge® Pro MODEL # EDGEPRO9690	Iridium Edge® Solar MODEL # 9640
Form Factor	Standalone	Standalone with GPS, Java Programmable	Standalone with GPS, Configurable Profiles
Dimensions (L x W x H)	130 x 80 x 30 mm	127 x 90 x 41 mm	164 x 71 x 33 mm
Weight	330 g	200 g	470 g
Interfaces	AT+ Command, RS 232	4 I/O, CANbus, RS 232, RS 485	BLE
Power Requirements	9-32 V	7-32 V	Internal Non-rechargeable & Solar Chargeable Batteries
Power Consumption (Average)	Transmit Slot Max. 1.6W Power On Max. Current 0.5A Operational Max. Current 0.3A	Receive 0.6W GNSS +0.6W	Harvests Energy from the Sun
Operating Temperature	-40°C to +55°C	-40°C to +85°C	-40°C to +85°C
Environmental Specs	SAE J1455,* IP 67	SAE J1455,* IP 67	SAE J1455,* MIL-STD-910, IP 68
Typical Applications	Asset Tracking, Fleet Management, Environment & Safety Monitoring, Remote Automation & Control	Fisheries, Vessel & Fleet Management, Remote Monitoring	Oil & Gas, Transportation, Agriculture, Surface Mining, Asset & Vehicle Tracking
Development Kit	Yes	Yes	Yes
Services	SBD®	SBD®	SBD®
Average Latency	<20 Seconds Per 340 Bytes (MO)	<20 Seconds Per 340 Bytes (MO)	<20 Seconds Per 340 Bytes (MO)
Certifications*	US (FCC), EU (CE Mark)	US (FCC), EU (CE Mark)	US (FCC), EU (CE Mark)
Data Speed	2.4 Kbps	2.4 Kbps	2.4 Kbps

*For complete information on local in-country approvals, refer to an authorized Iridium Service Provider