

Smart  
thinking  
for  
machine  
monitoring



# MOVUS FitMachine Gateway

Bluetooth, WiFi, GPS, 3G/4G  
Serial, Ethernet and discrete I/O  
85–264VAC 50/60Hz supply or PoE (Powered Device)  
Powerful Intel® Quark™ CPU  
Wind River™ Linux or OpenWRT  
USB host and device  
Optional Digi XBee® and XBee-PRO®

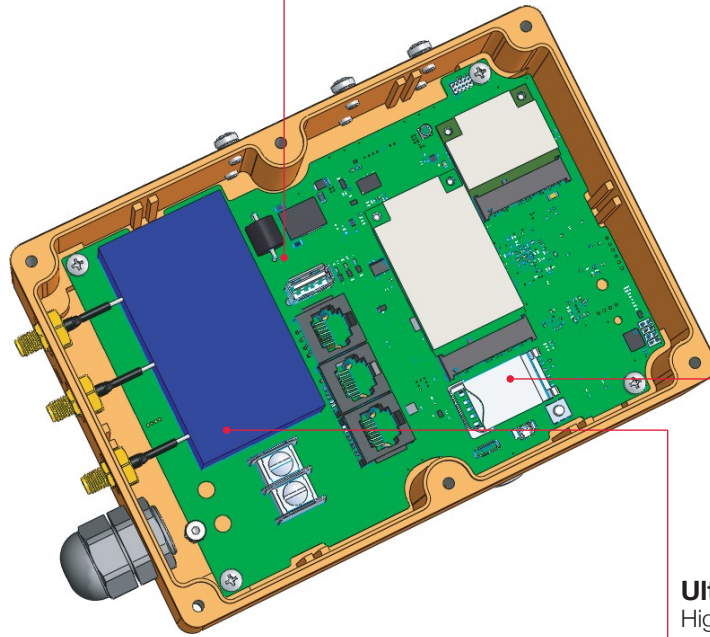
**intellidesign**  
smart solutions®

### Processing power

Built with industrial-rated components and equipped with an Intel Quark SoC, this device can handle demanding processor applications.

### Integrated wireless

Wireless connectivity: 4G/3G, GPS, WiFi and Bluetooth coexisting. Other radio options including Digi XBee® and XBee-PRO® modules, can be supported on customised expansion cards



### SIM

SIM card accessible only after removing cover use of Torx™ fasteners.

### Ultra-low power

Highly efficient ultra-low power processor renders an average power consumption < 2W.

## Key features

Linux based OS	Secure, flexible and powerful—lets you focus on your application
Low power design	Employing new generation Intel embedded processor
Wide range power input	Operates on 85–264VAC 50/60Hz mains supply or PoE-PD
Communication options	A wide range of LAN and WAN options allows communication with any network
Wide operating temperature	Industrial temperature rated electronics for robust long-term performance at -10°C to 60°C ambient

## Technical specifications

CPU	Intel Quark X1021D SoC, 400MHz
Memory	1GB DDR3 onboard 8GB eMMC microSD slot Real time clock, battery backed
Operating system	Wind River Linux with Intelligent Device Platform XT
Power input	AC mains input 85–264VAC 50/60Hz PoE device
Power consumption	2W average, 6W peak
Wired communications (optional)	1 x 10/100Mbps Ethernet 2 x serial RS-232 1 x USB 2.0 HS/FS host 1 x micro USB serial console device
Wireless communications	WiFi 802.11ac/a/b/g/n Bluetooth 4.0 + BLE 4G/3G Cellular
Environmental	Operating temperature: -10°C to 60°C; 15°F to 140°F Storage temperature: -40°C to 85°C; -40°F to 185°F IP54
Dimensions	195mm x 125mm x 65mm; 7.7 inches x 4.9 inches x 2.6 inches
Weight	995g; 35.1oz
Common additional options	Ethernet ports Serial ports Digital I/O Digi XBee® and XBee-PRO® RF modules Other options available

For more information see [intel.com/iot](http://intel.com/iot)