

CYIENT



IoT EDGE
GATEWAYS

Cyient's IoT gateways ensure efficient management and control of an increasingly complex IoT environment. Our IoT Edge Gateways are capable of connecting to multiple analog and digital field sensors. These advanced gateways are equipped with multiple RF options for moving data to the cloud.

MODEL TYPE		IoT Edge Gateway	IoT Edge Gateway	IoT Sensor Node
Specifications		5400 Series	3300 Series	1200 Series
Processor		800MHz dual-core ARM® Cortex®-A9	32-bit 120MHz ARM® Cortex®-M4	32-bit 120MHz ARM® Cortex®-M4
Memory		2GB DDR3, 128MB NAND	640KB SRAM, 2MB Flash	640KB SRAM, 2MB Flash
Storage		8GB eMMC, 8GB micro SD card (extendable to 16GB)	Up to 1GB NAND Flash External, 8GB micro SD card (extendable to 16GB)	Up to 1GB NAND Flash External
Operating System		Debian, Ubuntu Bionic	FreeRTOS	FreeRTOS
On Board sensor Module		Temperature, Accelerometer	Accelerometer	Accelerometer
Power Module		12V DC power adapter, Li-ion battery backup: 7.2V @ 2200mAh	12V DC power adapter, Li-ion battery backup: 3.6V @ 2200mAh	Li-SOC12 Battery powered: 3.6 V @ 9600mAh
Sensor Connectivity (Wireless)	Bluetooth Low Energy	✓	✓	✓
	LoRa	✓	✓	✓
	NB-IoT	✓	✓	✓
	Sigfox	✓	✓	✓
	Zigbee	✓	✓	✓
	RFID	✓	✓	-
Sensor Connectivity (Wired)	RS-485	✓	✓	✓
	RS-232	✓	✓	-
	Voltage, 0 to 5V DC Current, 4 to 20 mA@5V	2 channels (configurable)	4 channels 4 channels	4 channels 4 channels
	I2C	1	1	1
	SPI	1	1	1
	GPIO	4 (5V)	3 (3.3V)	2 (3.3V)
WAN Connectivity	Ethernet	10/100/1000 Mbps	10/100 Mbps	-
	Wi-Fi	✓	✓	-
	4G LTE CAT4 + GPSS	✓	✓	-
	LTE CAT1 M1 + GNSS	✓	✓	✓
	LoRaWAN	✓	✓	✓
	NB-IoT	✓	✓	✓
	Sigfox	✓	✓	✓
Peripheral Connectivity	HDMI 1.4 (display)	✓	-	-
	USB (keyboard, mouse)	✓	-	-
Environmental	Temperature (storage)	-40° to +85° C		
	Humidity	95% RH @ 50°C, non-condensing		
	Shock and Vibration Resistant	Yes		
	Enclosure IP Rating	IP55	IP65	
	Certifications	CE Microsoft Azure Certified for IoT		

North America Headquarters
Cyient, Inc.
USA
T: +1 860 528 5430
F: +1 860 528 5873

Europe, Middle East, and Africa Headquarters
Cyient Europe Ltd.
UK
T: +44 1183043720

Asia Pacific Headquarters
Cyient Limited
Australia
T: +61 3 8605 4815
F: +61 3 8601 1180

Global Headquarters
Cyient Limited
India
T: +91 40 6764 1000
F: +91 40 23110352