

# Impinj Fixed Reader Portfolio



**R700**



**R420**



**R220**

		R700	R420	R220
SPECIFICATIONS	Air interface protocol	RAIN RFID / ISO 18000-63 and EPCglobal Gen2v2 compliant		
	Antenna ports	4	4	2
	Read zones (max)	32	32	16
	Read rate (max per-second)	1,100	1,100	200
	Transmit power (max, dBm)	33	32.5	32.5
	Receive sensitivity (dBm)	-92	-84	-84
	Processor speed (GHz)	1 (Dual-core)	0.4 (Single core)	0.4 (Single core)
	Random-access memory (MB)	1024	256	256
	Custom-application partition (CAP) size (MB)	128	32	32
FEATURES	Impinj IoT device interface	✓		
	Support for USB peripherals (slots)	3	1	1
	General-purpose input/output (GPIO) connector	Integrated	Accessory	Accessory
	Gigabit Ethernet network connectivity	✓		
	Power Sources	802.3af PoE/ 802.3at PoE+	All regions: AC-DC adapter All regions except EU2: IEEE 802.3af PoE EU2: IEEE 802.3at PoE+	