

# Impinj Fixed Reader Portfolio



**R700**



**R420**



**R220**



**R120**

	R700	R420	R220	R120	
SPECIFICATIONS	Air interface protocol				
	RAIN RFID / ISO 18000-63 and EPCglobal Gen2v2 compliant				
	Antenna ports	4	4	2	1
	Read zones (max)	32	32	2	8
	Read rate (max per-second)	1,100	1,100	200	200
	Transmit power (max, dBm)	33	32.5	32.5	30
	Receive sensitivity (dBm)	-92	-84	-84	-84
	Processor speed (GHz)	1 (Dual-core)	0.4 (Single core)	0.4 (Single core)	0.4 (Single core)
	Random-access memory (MB)	1024	256	256	256
Custom-application partition (CAP) size (MB)	128	32	32	32	
FEATURES	Impinj IoT device interface	✓			
	Support for USB peripherals (slots)	3	1	1	1
	General-purpose input/output (GPIO) connector	Integrated	Accessory	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+		