

Impinj Fixed Reader Portfolio



R720



R700



R420



R220

	R720	R700	R420	R220	
SPECIFICATIONS	Air interface protocol	RAIN RFID / ISO 18000-63 and EPCglobal Gen2v2 compliant			
	Antenna ports	4	4	4	2
	Read zones (max)	32	32	32	16
	Read rate (max per-second)	1,100	1,100	1,100	200
	Transmit power (max, dBm)	33	33	32.5	32.5
	Receive sensitivity (dBm) per ISO 18046-2	-93	-93	-84	-84
	Processor speed (GHz)	1.4 (Quad-core)	1 (Dual-core)	0.4 (Single core)	0.4 (Single core)
	Random-access memory (MB)	1024	1024	256	256
	Custom-application partition (CAP) size (MB)	256	128*	32	32
FEATURES	Impinj IoT Device Interface	✓	✓		
	Support for USB peripherals (slots)	3	3	1	1
	General-purpose input/output (GPIO) connector	Integrated	Integrated	Accessory	Accessory
	Gigabit Ethernet network connectivity	✓	✓		
	Power Sources	802.3at PoE+	802.3af PoE/ 802.3at PoE+	All regions: AC-DC adapter All regions except EU2: IEEE 802.3af PoE EU2: IEEE 802.3at PoE+	

Receive sensitivity data tested using CISC conducted sensitivity test, 90% PSR and reader RF mode FCC DRM M8 @ 30 dBm, 15 dB return loss. *Can be upgraded to 256MB with v. 8.2 firmware.