

Impinj Fixed Reader Portfolio



R720



R700



R420



R220

	R720	R700	R420	R220	
SPECIFICATIONS	RAIN RFID/ISO 18000-63, EPCglobal Gen2v2 compliant	✓	✓	✓	
	Support for Impinj Gen2X, an enhancement to the RAIN radio standard	✓	✓		
	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 Up to 5 dB improvement with Impinj Gen2X		-84	-84
	Processor speed (GHz)	1.4 (Quad core)	1 (Dual core 64 bit)	0.4 (Single core)	0.4 (Single core)
	Random-access memory (MB)	1,024	1,024	256	256
	Custom-application partition (CAP) size (MB)	256	768	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+	802.3at PoE+	All regions: AC-DC adapter All regions except EU2: IEEE 802.3af PoE EU2: IEEE 802.3at PoE+	
IMPINJ GEN2X	Impinj Gen2X Performance	✓	✓		
	Impinj FastID high speed verification ¹	✓	✓	✓	✓
	Impinj Authenticity cryptographic authentication ¹	✓	✓		
	Impinj Protected Mode tag data protection ¹	✓	✓		

1. Impinj FastID, Impinj Authenticity, and Impinj Protected Mode are included in Impinj Gen2X Protection. Impinj product performance is based on Impinj's modeling and test data. Actual results may vary.

For a list of supported regions and geographies, please go to: www.impinj.com/supported_regions

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