

Item		PR7	PR9200
PHYCHIPS' Generation		3rd	2nd
Air Protocol		EPC Gen2v2	EPC Gen2v2
		GBT	
		AAR	
		ISO18000-62, 63, 64	
Receiver Sensitivity ¹ [dBm]	Max. Sensitivity Mode	-86(M8, 250kHz)	-
	M4, 250kHz	-84	-65
Max. Read Rate ² [tags/sec]	M4, 250kHz	200	170
	FM0, 640kHz	1000	-
Package		8x8 96pin LGA	6x6 64pin BGA
MCU Integration	Core	ARM Cortex-M3	ARM Cortex-M0
	Clock Speed	128MHz	19.2MHz
Flash Memory		256kB	64kB
SRAM		128kB	16kB
Peripheral	UART	O	O
	I2C	O	O
	SPI	O	O
	QSPI	O	X
	USB	O	X
	GPIO	24	16
Rx Balun		Included	Required External Components
POR/BOD		Included	Required External Components
Tx Leakage Cancellation		Included	Required External Components
User Application Programming		O	O
Reader Modes		12+	1+ Customized
Worldwide Region Support		O	O
Reader Protocol		WINE	RED
Internal PA		20dBm	20dBm
Recommended Tx Power(External PA)		Max. 33dBm	Max. 27dBm

1. Measurement Env.: Antenna port, included 10dB directional coupler, 10% Error rate, CISC RFID Xplorer, 30dBm(for PR7)/27dBm(for PR9200)

2. Measurement Env.: 6dBi Antenna, 30dBm Tx output, 400 tags