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**Specifications**

The following table shows the specifications for the CPU21304 controller module.

<b>Specifications</b>				
<b>User Logic/Reference Capacity</b>	<b>984 Ladder Logic</b>	<b>Discrete</b>	<b>Register</b>	<b>Extended Register</b>
	32 k words	64 k	57 k	80 k
	48 k words	64 k	28 k	0 k
	57,766 4XX registers max Only if: 0XXX = 16 and 1XXX = 16 and 3XXX = 16			
Discrete	64 k - any mix			
<b>Local I/O (Main Backplane)</b>				
Maximum I/O Words	64 In and 64 Out*			
Maximum Number of I/O Racks	2 (Requires expander)			
<b>Remote I/O</b>				
Maximum I/O Words per Drop	64 In and 64 Out*			
Maximum Number of Remote Drops	31			
<b>Distributed I/O</b>				
Maximum Number of Networks per System	3**			
Maximum Words per Network (For every DIO drop, there is a minimum of words input of overhead.)	500 In and 500 Out			
Maximum Words per Node	30 In and 32 Out			
<b>Watchdog Timer</b>	250 ms (software adjustable)			
<b>Logic Solve Time</b>	0.3 ms / k to 1.4 ms / k			
<b>Battery</b>	3 V Lithium			
Service Life	1200 mAh			
Shelf Life	10 years with 0.5% loss of capacity per year			
<b>Battery Load Current @ Power-off</b>				
Typical	5 µA			
Maximum	110 µA			
<b>Communication</b>				
Modbus (RS-232)	1 serial port (9-pin D-shell)			



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