

**Configuration & Pricing for QRTU, QUPS, and QsolarBattery**

<b>Option 1: Communication</b>				
			<b>Price/e</b>	
<b>LAN</b>	SE2-SW5U	STRIDE Industrial Unmanaged Ethernet switch, (5) RJ45 10/100 ports	\$78	
	EDS-205A	Moxa Industrial Unmanaged Ethernet switch, (5) RJ45 10/100 ports	\$95	
	EKI-2525-BE	Advantech Industrial Unmanaged Ethernet switch, (5) RJ45 10/100 ports	\$75	
		*Communicates to a SCADA Server or to IIoT w/Edge device		
	SE-SL3011	Edge Device - ADC StrideLinx industrial VPN router w/(5) RJ45 Gigabit ports *Must use StrideLinx Service through Automation Direct (only data up)	\$450	
	UC-8112A-ME-T-LX	Edge Device - Moxa Linux Embedded Computer w/LTE Cellular/Router/VPN *Works with Ignition and (QCS) QcloudServer (only data up)	\$599	
	Flexy20500	Edge Device - eWon Secure Remote Access Router w/MQTT IIoT capabilities *Works with (QCS) QcloudServer (data can flow up or down) or as VPN	\$708	
<b>WIFI</b>	Flexy20500	Edge Device - eWon Secure Remote Access Router w/MQTT IIoT capabilities	\$708	
	FLB3271	Edge Device - Flexy Card Wifi 802.11 b,g,n for Client - Goes in card slot of above Router *Works with (QCS) QcloudServer (data can flow up or down) or as VPN	\$247	
	SE-SL3011-WF	Edge Device - ADC StrideLinx industrial VPN router, wired + 802.11 b/g/n WiFi connectivity *Must use StrideLinx Service through Automation Direct (only data up)	\$566	
<b>Accessories</b>	QA-ANTWIFI-4KIT	External mount Laird 3DBi Omni Directional WiFi Antenna and 4' cable	\$101	
<b>Mesh Network</b>	QA-Serial-Mesh	Quantum RTU brand Zigbee solution - 2000ft Mesh distance *Works for any serial protocol and requires a Master	\$175	
	QA-Ethernet-Mesh	TBD	TBD	
<b>Cellular</b>	Flexy20500	Edge Device - eWon Secure Remote Access Router w/MQTT IIoT capabilities	\$708	
	FLB3203	<b>Verizon LTE Card.</b> Goes in card slot of above Router *Works with (QCS) QcloudServer (data can flow up or down) or as VPN	\$247	
	UC-8112A-ME-T-LX-US	Edge Device - Moxa Linux Embedded Computer w/LTE Cellular/Router/VPN + <b>Verizon LTE</b> *Use with Ignition (data up and down) or with (QCS) QcloudServer (only data up)	\$799	
	SE-SL3011-4G	Edge Device - StrideLinx industrial VPN router, wired + 4G <b>AT&amp;T LTE</b> *Must use StrideLinx Service through Automation Direct (only data up)	\$652	
<b>Accessories</b>	CA-SMRMA002	Cellular Cable	\$20	
	931-1436-ND	Cellular Antenna	\$65	
	SE-ANT150-IP67	*SE-SL3011-4G requires 2 LTE antennas and cables	\$71	
<b>Option 2: Processor and I/O</b>				
<b>Productivity 1000</b>	P1-540	P1K CPU	\$173	
	P1-08NE3 + P1-10RTB	8 DC DI	\$42	
	P1-08NA + P1-10RTB	8 AC DI	\$73	
	P1-08TD2 + P1-10RTB	8 DC DO	\$40	
	P1-08TRS + P2-RTB	8 RO	\$50	
	P1-04ADL-1 + P1-10RTB	(4) AI - Current	\$75	
	P1-04ADL-2 + P1-10RTB	(4) AI - Voltage	\$75	
	P1-04THM	(4) Thermocouple	\$123	
	P1-04RTD	(4) RTD	\$119	
	*P1-540 is required. Select modules to fit application. Max (16) DI, (16) DO, & (8) AI			
<b>BRX</b>	BX-DM1E-M	BRX CPU	\$289	
	BX-08ND3 + BX-RTB08	8 DC DI	\$47	
	BX-08NB + BX-RTB08	8 AC DI	\$45	
	BX-08TD2 + BX-RTB08	8 DC DO	\$54	
	BX-08TR + BX-RTB08	8 RO	\$58	
	BX-04ADM-1 + BX-RTB08	(4) AI - Current	\$143	
	BX-04AD-2B + BX-RTB08	(4) AI - Voltage	\$188	
	BX-04THM	(4) Thermocouple	\$194	
BX-06RTD	(6) RTD	\$209		
	*BRX CPU is required. Select modules to fit application. Max (16) DI, (16) DO/RO, & (8) AI			
<b>IDEC FC6A</b>	FC6A-D16R1CEE	IDEC CPU with 8 DC DI and 8RO	\$412	
	FC6A-N08A11	8 AC DI	\$152	
	FC6A-R081	8 RO additional	\$113	
	FC6A-J4A1	(4) AI - Current or Voltage	\$210	
	FC6A-J4CN1	(4) AI - Current, Voltage, TC, RTD	\$264	
	*IDEC FC6A CPU is required. Select additional above IO modules to fit application - Max (16) DI, (16) DO/RO, & (8) AI			
	ioLogik E1210	16 DC DI	\$157	

<b>Moxa Embedded</b>	ioLogik E1211	16 DC DO	\$176
	ioLogik E1240	8 AI - Voltage or Current	\$261
	ioLogik E1262	(8) Thermocouple	\$374
	ioLogik E1260	(6) RTD	\$349
*This works only if the MOXA UC-8112A option is selected. Max (16) Inputs, (16) ouputs, and (8) AI			
<b>Accessories</b>	RV8H-L-D24	6A Relay 24VDC control	\$10
	*Use if you need to convert one of the Outputs to Relay		
<b>Option 3: Sleep Mode</b>			
<b>Sleep Mode</b>	QA-SLP-TMR-1	Custom Programable Timer and Program on selected Processor	\$150
<b>Option 4: Backup Power</b>			
<b>QUPS</b>	BP1-24-15	24VDC, Max 15 Watt Load, Battery Run time 120mins	\$139
	BP1-24-15-P60	24VDC, Max 15 Watt Load, Battery Run time 120mins supplied with 60watt Power Supply	\$169
	BP2-24-120	24VDC, Max 120 Watt Load, Battery Run Time 120min	\$319
	BP2-24-120-P240	24VDC, Max 120 Watt Load, Battery Run Time 120min supplied with 240watt Power Supply	\$409
<b>QSolarBattery</b>	BP1-24-15-S20-P	Max 15W/0.63A, 30Wh@120min, 20W Solar Panel, Pole Mount	\$339
	BP1-24-15-S50-P	Max 15W/0.63A, 30Wh@120min, 50W Solar Panel, Pole Mount	\$399
	BP1-24-15-S50-G	Max 15W/0.63A, 30Wh@120min, 50W Solar Panel, Ground Mount	\$419
	BP1-24-15-S150-P	Max 15W/0.63A, 30Wh@120min, 150W Solar Panel, Pole Mount	\$669
	BP1-24-15-S150-G	Max 15W/0.63A, 30Wh@120min, 150W Solar Panel, Ground Mount	\$689
	BP2-24-120-S50-P	Max 120W/5A, 240Wh@120min, 50W Solar Panel, Pole Mount	\$659
	BP2-24-120-S50-G	Max 120W/5A, 240Wh@120min, 50W Solar Panel, Ground Mound	\$679
	BP2-24-120-S150-P	Max 120W/5A, 240Wh@120min, 150W Solar Panel , Pole Mount	\$859
	BP2-24-120-S150-G	Max 120W/5A, 240Wh@120min, 150W Solar Panel, Ground Mount	\$879
	BP2-24-120-S300-P	Max 120W/5A, 240Wh@120min, 300W Solar Panel, Pole Mount	\$1,119
	BP2-24-120-S300-G	Max 120W/5A, 240Wh@120min, 300W Solar Panel, Ground Mount	\$1,139
	BP2-2-24-120-S300-P	Max 120W/5A, 480Wh@240min, 300W Solar Panel, Pole Mount	\$1,369
BP2-2-24-120-S300-G	Max 120W/5A, 480Wh@240min, 300W Solar Panel, Ground Mount	\$1,399	
Larger Battery & Solar Panel Solutions available on Request			
<b>Enclosure and Related Parts</b>			
Enclosure with the Following: UL489 1P 16A C trip breaker, Power Supply, Termial Blocks, Ground Blocks, End Blocks, (4) Cord Grips, wire, Marking Tags, Wire, Front Cover Legend Plate - Company, Project, Site, Indisde Cover Legend Plate - UL, SN, PN, QA info. Includes Labor to wire the panel and CAD drawing for the Panel.			\$800

Additional Requirements... please contact us at (714)854-0800, or email us at nt@quantumautomation.com and we can work on a solution to fit your needs