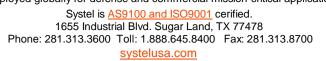


## **Rugged Compute Where Mission Meets Critical.**

50k+ systems deployed globally for defense and commercial mission-critical applications since 1988.

Systel is <u>AS9100 and ISO9001</u> cerified.





TOTAL Ex- Plant Systel's Dock, Sugar Land TX.

TBD

_			PROPOSAL	Quote No: Q224-0xxxA  Date: 4/102024  Delivery ARO: 14-16 Weeks  *Note: may vary based on component lead times and qty ordered	
			Originator: Trevor Opiyo		
			Reviewed By:		
			Email: sales@systelusa.com	Quote Validity:	
Ph.:	719.63	9.0839	Mfg Rep: Mike Winters	Payment Terms: Net 30	
			Company: Elotek Systems Phone: 949.366.4404 x6052	Payment Currency:	
			Email: mikew@elotek.com	Freight Terms: Program Manager:	
E-mail: <u>blaze.d.a.sanders@gmail.co</u> m			Please submit All Purchase Orders to sales@systelusa.com to ensure timely processing.	Business Development:	
Line Item	QTY	Product/Part #	Description	Unit Price	Total Price
			System Specification for <i>Kite-Strike™ II</i> MIL-SPEC Rugged NVIDIA Jetson AGX Orin Mission Computer		
			Lifecycle Stage: Active   Qualified Production Unit		
			System/Chassis		
1	1	EC7210SBS-01	* Material and Finish: Black Anodized Machined Aluminum	\$16,262.68	\$65,050.72
		Systel internal part number	* Chassis Dimensions (Base System): 7.87"W x 8.47"D x 4.23"H (not including connectors or mounting)		
		will be assigned upon PO receipt.	*note: if expansion slice required for system configuration, chassis dimensions to be verified during first article build.		
		Please reference internal	* Weight: Base system weight is approx 8.6 lbs.		
		part number for product documentation	*note: system configuration dependent. To be verified during first article build.		
		including ICD and user manual.	* Front Panel Controls & Indicators: Power Button with Green LED		
			* Power Base System Max ~90W.		
			*note: system configuration dependent. To be verified during first article build.		
			* Power: Isolated DC/DC Power Supply 18-36VDC (28VDC Nominal)		
			* Thermal Solution: Integrated External Forced Air Cooling Solution: Fully Rugged, IP68, High MTBF, High Reliability  * Foldable Handle For Easy Carry and Handling		
			Totals Francisco For Easy Surry and Francisco		
			System IO		
			* Base System IO:		
			* Connector J1 Power: (1) 18-36VDC Power Input, Connector Type: Amphenol 2M805 MIL-DTL-38999 Style		
			* Connector J2 USB 3.0: (2) USB 3.0 / Flashing Port; Connector Type: Amphenol 2M805 MIL-DTL-38999 Style		
			* Connector J3 Main IO: (3) GbE, (4) RS-232/422/485 (software selectable), (1) RS-232 debug, (2) USB 2.0, (1) HDMI,		
			(2) CAN, (1) Power Button, Reset, Recovery; Connector Type: Amphenol 2M805 MIL-DTL-38999 Style		
			* Connector J4 Secondary IO: (2) GbE; Connector Type: Amphenol 2M805 MIL-DTL-38999 Style		
			* Connector J4 Expansion IO: *note: system configuration dependent - may not be populated for a given configuration.		
			* Connector J4 Secondary IO: Not populated		
			* Connector J5 10GbE Port 1 (Optional): (1) 10GbE Copper; Not populated		
			* Connector J6 10GbE Port 2 (Optional): (1) 10GbE Copper; Not populated  * Connector RF1-RF4: Not populated		
			Connector RF1-RF4: Not populated		
			System Ruggedness and Environmentals		
			* Please see data sheet for complete list of environmental specifications.		
			System Expansion Capabilities		
			* Fully Configurable and Modular - Numerous options including 10Gb Base-T copper ethernet, video capture and encode		
			(multiple formats and types), LTE, GPS, power output, audio, GPIO, ARINC 429, 1553.		
			* (2) M.2 2280 M-Key PCle Gen 4x4 Slots		
			* (3) Full Size Mini-PCle Card Slots		
			* Other interfaces available (ex: USB, GPIO)		
			Page System Configuration		
			Base System Configuration * (1) Carrier Board for the NVIDIA Jetson AGX Orin		
			* (1) NVIDIA Jetson AGX Orin 64GB System on Module (SOM) as Follows:		
			https://www.nvidia.com/en-us/autonomous-machines/embedded-systems/jetson-orin/		
			* 275 TOPS		
			* GPU: NVIDIA Ampere Architecture with 2048 CUDA cores and 64 Tensor cores		
			* CPU: 12-Core ARM Cortex-A78AE v8		
			* Memory: 64GB LPDDR5		
			* Storage: 64GB eMMC 5.1		
			* Video Encode: up to 2x 4K60 HEVC		
			* Video Decode: up to 1x 8K30 HEVC		
			* (1) Power Subsystem		
			* Galvanically Isolated DC/DC Power Supply, 28VDC Nominal		
			* EMI/EMC Filter MIL-STD-461G		
			Operating System		
			Linux - NVIDIA L4T based on Ubuntu 20.04 with Systel BSP		
20	4	NRE	Configuration and EOL Management - Included	\$0.00	\$0.0
20			Linux - NVIDIA L4T based on Ubuntu 20.04 with Systel BSP	45.55	ψ0.0
			Test		
			All units are burned-in for a period of 24 hours at +50C		
			* One-Time Tooling/Test setup charge (5 or fewer systems)		
			Standard 3 Year Warranty		
			Systel Terms and Conditions of Sale		
			<u> </u>		***
HOTE: Systel's PAYMENT terms: New customers without credit approval "COD" or accepted credit card. Customers with credit approval "Net 30 Days", Foreign customers a "Letter of Credit".			t card. Customers with credit approval "Net 30	Total Product Sale Sales Tax	·
ys , Foreign cu	ustomers a "L	etter of Lredit".	Sub-Total	Ex-Plant Systel's Dock, Sugar Land TX.	TBI
		ange without notice. All packing, handling, s			
		Systel's dock are for the customer's accoun		Shipping	Ex-Works
Cred	dit Cards	Accepted: VISA, MC, AMEX, Discover *N		Document Fees	
			TOTAL Ex-	Plant Systel's Dock, Sugar Land TX.	TBC