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Systel is AS9100 and ISO9001 cerified.
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systelusa.com

KITE II STRIKE

Co: StrongBox	
TO: Blaze Sanders	
Add:	
Ph.: 719.639.0839	
Fax:	
E-mail: blaze.d.a.sanders@gmail.com	

PROPOSAL

Originator: Trevor Opiyo
Reviewed By:
Email: sales@systelusa.com
Mfg Rep: Mike Winters
Company: Elotek Systems
Phone: 949.366.4404 x6052
Email: mikew@elotek.com
Please submit All Purchase Orders to sales@systelusa.com to ensure timely processing.

Quote No: Q224-0xxxA
Date: 4/102024
Delivery ARO: 14-16 Weeks
*Note: may vary based on component lead times and qty ordered
Quote Validity: 30 Days
Payment Terms: Net 30
Payment Currency: U.S.D.
Freight Terms: Ex-Works
Program Manager: Michael Ponder
Business Development:

Line Item	QTY	Product/Part #	Description	Unit Price	Total Price
			System Specification for Kite-Strike™ II 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		

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

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 PCIe Gen 4x4 Slots
* (3) Full Size Mini-PCIe Card Slots
* Other interfaces available (ex: USB, GPIO)

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

Line Item	QTY	Product/Part #	Description	Unit Price	Total Price
20	4	**NRE**	**Configuration and EOL Management - Included**	$0.00	$0.00
			Linux - NVIDIA L4T based on Ubuntu 20.04 with Systel BSP		

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

NOTE: 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".

Pricing subject to change without notice. All packing, handling, shipping, insurance and export document fees from Systel's dock are for the customer's account.

Credit Cards Accepted: VISA, MC, AMEX, Discover *Note: 4% Processing Fee*

Total Product Sale	**$65,050.72**
Sales Tax	$0.00
Sub-Total Ex-Plant Systel's Dock, Sugar Land TX.	**TBD**
Shipping	Ex-Works
Document Fees	As Invoiced
TOTAL Ex- Plant Systel's Dock, Sugar Land TX.	**TBD**