

SYSTEL

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Co: StrongBox

TO:

Add:

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ROM PROPOSAL

Originator: Michael Ponder

Reviewed By:

Email: [sales@systelusa.com](mailto:sales@systelusa.com)

Mfg Rep: Mike Winters

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Please submit All Purchase Orders to [sales@systelusa.com](mailto:sales@systelusa.com) to ensure timely processing.

ROM No: Q224-0xxxA

Date: 4/10/2024

Delivery ARO: 14-18 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		Product/Part #	Description	Units	Unit Price
1		<div>EC2200SBS-01</div> <div>Systel internal part number will be assigned upon PO receipt.</div> <div>Please reference internal part number for product documentation</div>	<div>System Specification for Sparrow-Strike™ MIL-SPEC Rugged NVIDIA Jetson Orin NX Mission Computer</div> <div>Lifecycle Stage: Pre-Production   Pre-Qualified Production Unit</div> <div>System/Chassis</div> <div>* Material and Finish: Black Anodized Machined Aluminum</div> <div>* Chassis Dimensions: 5.5"W x 5.3"D x 2.8"H (not including connectors or mounting points)</div> <div>*note: if expansion slice required for system configuration, chassis dimensions to be verified during first article build.</div> <div>* Weight: Base system weight is approx 2.6 lbs.</div> <div>*note: system configuration dependent. To be verified during first article build.</div> <div>* Power Base System Max ~35W. To be verified during first article build.</div> <div>*note: system configuration dependent. To be verified during first article build.</div> <div>* Power: Isolated DC/DC Power Supply 12-36VDC (28VDC Nominal)</div> <div>System IO</div> <div>* Base System IO:</div> <div>* Connector J1 Power: (1) 12-36VDC Power Input, Connector Type: Amphenol 2M805 MIL-DTL-38999 Style</div> <div>* Connector J2 Main IO: (1) RS-232/422/485 (software selectable), (1) RS-232 debug, (2) USB 2.0</div> <div>(1) CAN, (1) Power Button, Reset, Recovery, (12) Expansion IO Pins</div> <div>Connector Type: Amphenol 2M805 MIL-DTL-38999 Style</div> <div>* Connector J3 USB 3.0: (2) USB 3.0 / Flashing Port; Connector Type: Amphenol 2M805 MIL-DTL-38999 Style</div> <div>* Connector J4 LAN: (2) GbE; Connector Type: Amphenol 2M805 MIL-DTL-38999 Style</div> <div>System Ruggedness and Environmentals</div> <div>* Please see data sheet for complete list of environmental specifications.</div> <div>System Expansion Capabilities</div> <div>* Fully Configurable and Modular - Numerous options including video capture, serial IO, GPS, LTE, power output, audio, GPIO, ARINC 429, 1553.</div> <div>* (1) M.2 2280 M-Key PCIe Gen 4x4 Slot</div> <div>* (1) Full Size Mini-PCIe Card Slot</div> <div>* (1) M.2 2242 M-Key PCIe Gen 3x1 Slot</div> <div>Base System Configuration</div> <div>* (1) Systel Designed Carrier Board for the NVIDIA Jetson Orin NX</div> <div>* (1) NVIDIA Jetson Orin NX 16GB System on Module (SOM) as Follows:</div> <div><a href="https://www.nvidia.com/en-us/autonomous-machines/embedded-systems/jetson-orin/">https://www.nvidia.com/en-us/autonomous-machines/embedded-systems/jetson-orin/</a></div> <div>* 100 TOPS</div> <div>* GPU: NVIDIA Ampere Architecture with 1024 CUDA cores and 32 Tensor cores</div> <div>* CPU: 8-Core ARM Cortex-A78AE v8</div> <div>* Memory: 16GB LPDDR5</div> <div>* Video Encode: up to 1x 4K60 HEVC</div> <div>* Video Decode: up to 1x 8K30 HEVC</div> <div>* (1) Power Subsystem</div> <div>* Galvanically Isolated DC/DC Power Supply, 28VDC Nominal, MIL-STD-1275E/MIL-STD-704F (No Power Hold-Up)</div> <div>* EMI/EMC Filter MIL-STD-461G</div> <div>System Expansion</div> <div>* (1) 1TB M.2 2280 NVMe SSD, 3D-TLC, OPAL 2.0 AES256 Encryption</div> <div>Operating System</div> <div>Supports Linux</div> <div>Configuration and EOL Management - Included</div> <div>Test</div> <div>All units are burned-in for a period of 24 hours at +50C</div> <div>Standard 3 Year Warranty</div> <div><a href="#">Systel Terms and Conditions of Sale</a></div> <div>Options</div>	1-10 11-25 26-50 51+	\$8,892.00 \$8,500.00 \$8,325.00 \$8,150.00
20					\$0.00

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		TBD
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