



MILTECH™ 320G3UVPX - SOSA™ ALIGNED

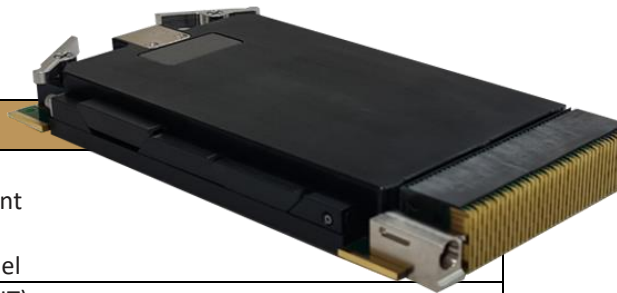
Military Grade 32 Port 10 Gigabit Ethernet Switch L2/L3 3U VPX Form Factor

One of the most exciting advancements in technology over the last decade has been The MILTECH 320G3UVPX that supports advanced secure boot via dedicated FPGA, BIT functionality, zeroization and data declassification. Monitoring and management via IPMI SOSA™ aligned interface. Comply with MIL-STD-461E, MIL-STD-810F/G, when installed in an appropriate chassis.

The MILTECH 320G3UVPX is a 3U VPX Ethernet Switch.

In order to support sophisticated intelligence, these platforms may have to carry and connect a variety of high-speed Ethernet-based devices including computers, sensors, and targeting systems - all in compact platforms that must communicate with each other. Advanced network features, including routing protocols, virtual LANS (VLANS), traffic prioritization (QoS), and bandwidth aggregation and more.

The MILTECH320G3UVPX is instantly compatible with any VPX SOSA™ ALIGNED platform.



SPECIFICATIONS

ETHERNET PORTS	<ul style="list-style-type: none"> • Slot Profiles (per SOSA™): TBD • Out-of-band management via backplane and front -panel USB type-C • Out-of-band management via 1G RJ45 front-panel
NETWORKING	<ul style="list-style-type: none"> • Quick boot time with enhanced Built-in-Test (CBIT) • Secure Boot via FPGA. • IPMI SOSA™ Aligned • Spanning Tree (802.1d), RSTP (802.1w) and multiple Spanning Tree (802.1S) for fast recovery rings • Security via Radius Authentication 802.1x, Port Security, Port Mirroring • Built-in-Zeroization for data declassification. • Multicasting (IGMP Snooping), GARP, GMRP, and GVRP Broadcasting and flooding Control up to 8K Groups. • 802.1q Tagged based VLAN up to 4K VLAN groups. • QoS Multi-Layer Classifier, 802.1p, ToS/DSCP traffic classification. WFQ, Strict Queuing. • Bridge support for Q-in-Q. • Full L3: VRRP, OSPF V3, PIM, RIP V1/V2, ECMP • Link Aggregation 802.3AD. • WEB, CLI, Telnet Management.
STANDARDS	MIL-STD-461E, MIL-STD-810F/G, when installed in an appropriate chassis
PERFORMANCE	<ul style="list-style-type: none"> • 922.4 Mpps wire speed forwarding rate • 320 Gbps maximum forwarding bandwidth • 32K MAC Address



Standard Models List (for other options – consult factory)

Part Number	Description	Slot profile
1-320G3UVPX-000	32 Ports X 10 Giga -KR or 10 Giga -SR_LR -RS232 management	NA
1-320G3UVPX-001	32 Ports X 10 Giga -KR or 10 Giga -SR_LR -LVCMOS management	NA

- Additional standard configurations available. **Contact factory for more details.**
- All of our products can be configured to comply with EU REACH, ROHS regulations. **Contact factory for more details.**

Note: Specifications are subject to change without prior notice by the manufacturer.