



ULTRA I&C

Knox

MODULAR COMPUTE. MISSION READY.

Knox™ is a family of rugged, 3U OpenVPX multifunction processors built for airborne and tactical edge missions. Designed to align with SOSA standards and government referenced architectures, Knox delivers scalable compute, native 100 GbE networking and the mission flexibility you need from tactical UAVs to strategic aircraft in contested environments.



SOSA ALIGNED 3U
OPENVPX ARCHITECTURE



COMPOSABLE BACKPLANE
WITH SUPPORT FOR
MULTILEVEL SECURITY
SWITCHES AND CROSS
DOMAIN SOLUTION
CARDS



NATIVE 100 GbE
BACKPLANE NETWORKING
OVER COPPER AND
100 GbE OPTICAL
INTERFACE TO
FRONT PANEL



RUGGEDIZED FOR
AIRBORNE, UNMANNED
AND TACTICAL EDGE
DEPLOYMENTS

KNOX FAMILY AT A GLANCE



Knox-5



Knox-7



Knox-10



Knox-Custom

	Knox-5	Knox-7	Knox-10	Knox-Custom
IDEAL USE CASE	Size-constrained / SWaP limited platforms	Size-constrained / SWaP limited platforms	Multi-enclave, security-isolated, high density compute operations	Custom mission demands
HIGHLIGHTS	Multilevel secure platform Tailored slot count and payload integration			
PHYSICAL DIMENSIONS	Inquire for specifications	Inquire for specifications	Inquire for specifications	Mission based
BASE WEIGHT*	~22.5 lbs	~36.75 lbs	Inquire for specifications	Mission based
POWER	Typical range 161 – 203W	Typical range 400-450W	Inquire for specifications	Custom mission demands
SLOT COUNT	5	7	10	Configurable

Multilevel secure platform, tailored slot count and payload integration.
*Represents typical base configuration weight.