



Smartphone shown for approximate scale

## EdgePod™

### Turnkey AI-ready edge computing appliance

- Compact, modular, rugged, fanless wall-mountable design
- Digital access control and ID management
- OpenVPX/VITA65 aligned slots, compatible with GECCO multi-core EdgeCard™ Servers
- Optional integrated storage up to 64TB NVMe, dual 1-10Gbps network interfaces\*

Ideal platform for AI/ML and AR/VR application deployment in retail, resource industries, manufacturing, defense, telecom, infrastructure, and other edge computing needs!

Small size, big features: for multi-access edge computing, hyperconverged infrastructure, virtual machines, containers and more!



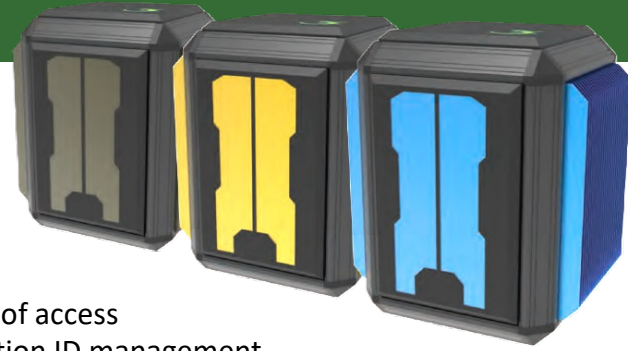
OpenVPX (VITA65) enjoys a strong pedigree of interoperability for defense and aerospace applications.

### SWaP/C: Size, Weight, Power & Cooling

- The compact design makes it easier to ship, store, remove and install – perfect wherever space and weight are constraints.
- Low power and passive cooling saves on the cost & complexity of the power supply & cooling system, while dramatically decreasing the carbon footprint!

# EdgePod™ - Key Features

- Ruggedized design for wide temperature range, vibration and shock
- Low power operation, easy to deploy; low cooling needs
- Transportable or wall-mount designs
- Over-the-shoulder remote video support
- Custom colors and corporate badging to reduce IT equipment theft
- Cloud-based software for key management with support for audit trail of access
- Out-of-band digital access control with support for 2-factor authentication ID management
- Fully integrated 280W passive heat dissipation with Integrated 48Vdc power supply
- Five-slot VPX-aligned backplane (4 x server, 1 x switch\*)
- Expansion slots for AI accelerators, memory, comms and I/O (M.2)
- Optional NVMe storage array (up to 64TB)\*



## Specifications

<b>Mounting</b>	Wall-mount or transportable
<b>Access control</b>	Keyed or smart phone enabled out-of-band digital door lock
<b>Storage Memory</b>	128GB to 64 TB SSD (NVMe)
<b>External Interfaces</b>	2 x 10GbE Fiber (SFP) 4 x 1GbE (1000BASE-T) USB and GPIO options
<b>Remote Management</b>	OpenBMC
<b>Operating Temperature</b>	Std: 0°C to 55°C (32°F to 130°F) Ext: -40°C to +70°C (-40°F to 158°F)
<b>Humidity</b>	93% @ 40°C (non-condensing)
<b>Shock and vibration</b>	20G, 11 rms half sine 2Grms @ 5 – 100 Hz
<b>Input power</b>	48VDC nom (24Vdc – 60Vdc)
<b>Power consumption</b>	300W nom (500W max)
<b>Dimensions</b>	365mm x 380mm x 300mm (14.4in x 15.0in x 11.8in)
<b>Weight</b>	22.0 kg (48.5 lbs)
<b>Noise level</b>	N/A (no moving parts)
<b>Ingress Protection</b>	IP50
<b>Internal sensors</b>	Temperature, humidity, lock status
<b>Cameras</b>	FHD, inward/outward facing
<b>Warranty</b>	5 years

**Note:** All specifications are subject to change without notice

## Ordering

**GEPT41 - D<sub>\_\_</sub> - V<sub>\_\_</sub> - S<sub>\_\_</sub> - N<sub>\_\_\_\_\_</sub>**

<b>D<sub>__</sub></b>	D	Digital key and access control system
	K	Physical key override
	X	No door (open front)
<b>V<sub>__</sub></b>	O	Over the shoulder camera (inward facing)
	F	Front camera* (outward facing)
	2	Dual camera*
	X	No camera
<b>S<sub>__</sub></b>	8	8-slot storage array*
	X	No storage array
<b>N<sub>_____</sub></b>		Custom configuration*

Example:

**GEPT41- DD - VO - SX - N0000**

Transportable EdgePod, 4 server slots, 1 switch slot, Digital key and access control system, Over-the-shoulder camera, no storage array, no custom configuration

\* Contact GECCO for availability of some features and custom configurations

**Ask us about current lead times, EdgeCard Servers, wall-mounting kit, power supply alternatives, custom color options and more!**



[www.g3cco.com](http://www.g3cco.com)

## About Green Edge Computing Corp

We provide compact small footprint ready-to-go edge computing solutions for high performance, industrial IoT, mobile, harsh and remote edge locations.