

HAWK Deployable Computing Hub

This HAWK Deployable Computing Hub is designed to meet the stringent requirements of many deployed scenarios where both secure IP communications and heavy computational requirements are required.

Combining the power of an i-series intel computing platform, an 8-port switch, a CradlePoint router, and Ignition Networks' developed technology, the HAWK provides a secure remote platform allowing clients to combine a flexible secure communications solution and a heavy computational processing system all in a single rugged mobile case.

The HAWK is suited to roles including Virtual Server hosting, GIS Applications and visual display. It is customizable to meet the demands of a wide range of requirements.

Customer specific technologies can optionally be integrated into the solution to provide an immediately useful communications platform without IT support to a non-specialist end-user.



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Features

Intel i-series System

A full server compatible system with 16GB Memory capacity and hot swappable SSD drive. Integrated HDMI screen is provided for in-case use, with a 2nd external screen connection available.

Universal Power Supply

Includes a battery backed power supply capable of managing AC power inputs between 86vAC and 260vAC, and DC inputs ranging from 9vDC to 32vDC.

8-port managed layer-2 switch

7 x GbE ports available on the front panel.
One port utilized internally for router connections.

CradlePoint Router

CradlePoint 4G router capable of handling multiple concurrent internet bearers and seamless failover between LTE, Wired, Wifi and Satellite services.

Optional:

- 2 Ports of 802.3at PoE
- Vocality RoIP radio interface

Truly customised solution

The HAWK can be truly customised to cater to very specific deployment scenarios including the integration of specialised customer equipment. This can then provide an easy to use, 'single box' communications solution that meets even the most complex requirements.

Specifications

Mobile Computing	Intel® i-Series processor (i3, i5, i7) Up to 16GB Dual Channel DDR3 Memory
Display	HDMI 13" Display
Storage	1Tb Hot Swappable SSD Drives
IO Interface	10 x USB 3.0 Interfaces External HDMI Connector Gigabit Ethernet (Internally Connected)
Router Platform	CradlePoint IBR900C LTE Router
IO Interface	4 x 10/100/1000 Ethernet Dedicated to WAN, BGAN, Computer 802.11 b/g/n Wireless AP/Client (or both)
Switch Platform	Gbe Managed Carrier Ethernet Switch Supports IPV4/IPV6, 802.1Q VLAN, IEEE 802.3ad Link Aggregation
IO Interface	8 x 10/100/1000 Ethernet Ports (1 Used Internally)
Power Platform	Ignition Networks Battery Backed Removeable Lithium Battery <100WHr for IATA Compliance 86vAC—260vAC Input Range 9vDC—32vDC Input Range 2+ hour Battery Backup UPS Functions to PC operating System via USB
Storage Bin	Large storage bin included for accessories and cables
Operating Temp	-10°C to 65°C
Weight	17 Kg
Additional	2 x 3G/4G Antennas 2 x 2.4 Ghz Wifi Antennas Keyboard, Mouse All stored in a handy side storage compartment.



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