



NotePAC III Pro V

The NotePAC III Pro V portable computer is the ideal mobile command and control center. Whether you're a command and control specialist or a geospatial data scientist, this piece of hardware can perfectly complement your software and application. Easily accelerate and enhance radar and C6ISR applications in mission critical environments.

Increase Productivity

Research has shown that increasing screen space leads to increased efficiency. When compared to single-monitor settings, the organization discovered that using two displays enhanced productivity by 25%. Three monitors boost productivity by 35.5%. Don't waste anymore time on minimizing windows, using keyboard shortcuts to navigate around apps, or reducing window sizes. Set up the NotePAC III Pro V and have a triple display system up and running in a minutes. This complete solution is ready to be deployed or packed up in a moments notice.

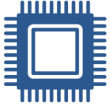
The system has a triple-monitor configuration suitable for displaying geographic map materials and GIS data in applications such as cartography, city planning, geography and command and control softwares. The increase in display space greatly increases efficiency and productivity.

All three displays run at 144 Hz and feature IPS Monitor Technology (In-Plane Switching). Faster refresh rates at 144Hz per second create a smoother visual, while IPS technology creates better color contrast and accuracy even from various angles of viewing. 3x HDMI connections are available for display duplication.

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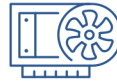


SYSTEM HIGHLIGHTS



Powerful Performance

Intel Xeon CPUs support ECC RAM, securing highly sensitive data and preventing corruption at the source. Intel Processors provide a hardware-based security solution that utilizes encryption to change how memory is accessed. Higher core and thread counts provide lightening speed computations and processing performance.



Professional Graphics

Nvidia graphic cards are MIL-STD certified and reliable in harsh environments. This AI-powered single-slot GPU is perfect for demanding applications such as radar, C6ISR, JADC2, signal intelligence (SIGINT), electronic intelligence (ELINT), and communications intelligence applications (COMINT).



Extreme Connectivity

With 4+ ethernet ports, including 10GB, 1GB, SFP/RJ45. Benefits include ethernet tethering, bridging, load distribution, and management of downtime. Increase security by allowing redundancy, failover, and isolation of the network or device.



Flexible Expansion

One additional slot is available for a full height card. Use the additional slot not occupied by graphics for RAID, other controllers, or a second GPU. Essential for AI/ML/DL applications, GPUs accelerate the graphics processing and thus speed up computational processes.



Advanced Security

DIGISTOR SSDs ensure security of Data at Rest (DAR). Data protection and encryption is crucial when it comes to military and government agencies and commercial entities, especially in mission critical applications. Deploy the the NotePAC III Pro V with secure storage options, rugged drive bays and self-encrypting SSDS.



Rugged Design

Machined from aluminum, the NotePAC-III has passed Mil-Std 461 (EMC/EMI), DTE-901E (Shock/Torpedo Strike) and 810G (environmental). All I/O ports are covered to keep out dust, rain or humidity. Rubber bumpers keep the unit safe from vibration and shock.



HOT-SWAP DRIVES



This unit works with hot-swappable drive cages. Install additional 2.5" SSD / HDD SATA or SAS drives in the unit's four available slots. Military-class secure SSDs and TAA-compliant SSDs are available for ensuring secure environments

Removable media is a cost-saving and simple way to allow data to be effortlessly copied, saved, and transported between sites.

BACKLIT KEYBOARD



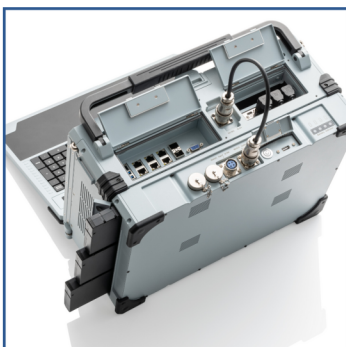
The backlit keyboard allows use in low-light conditions. Backlit keyboards are useful if you work in the field, especially C6ISR and CIC operations. A keyboard-less version is also available.

CAC CARD READER



A built-in CAC card reader makes securing access convenient. The CAC, a "smart" card about the size of a credit card, is the standard identification for military personnel and civilian employees.

BATTERY



Hot-swappable batteries can be removed and replaced without the NotePAC III Pro V being plugged in or turned off. There is no downtime with the device. It can be utilized for as long as there are enough charged batteries available. Additional batteries can be charging at a power station while one battery is in operation - eliminating downtime tremendously.

The add-on battery expansion pack includes the external attachment, one battery charging dock, an AC-DC adapter, and a power cord.



SECURE. RELIABLE. RUGGED.

PROCESSOR

INTEL XEON PROCESSOR

GRAPHICS

NVIDIA QUADRO P4000

RAM

UP TO 512GB ECC LRDIMM DDR4 RAM

DISPLAY

3X 17.3" FHD 1920X1080

OPTIONS:

UHD 3840X2160, 60HZ DISPLAY, 2K, 144HZ DISPLAYS

FEATURES

CAC CARD READER
BACKLIT KEYBOARD
3X HDMI EXTERNAL CLONE

STORAGE

4X REMOVABLE DRIVE BAYS

PCI E SLOTS

UP TO 2X PCI E SLOTS

(ONE USED IF QUADRO P4000 OPTION IS ADDED)

CONNECTIVITY

DUAL LAN WITH 10G SFP+ LAN (FIBER)
DUAL LAN WITH 10GBASE-T (RJ45)
QUAD LAN WITH INTEL(R) ETHERNET CONTROLLER I350-AM4 (RJ45)

CUSTOMIZATION

VIDEO CAPTURE CARD OPTION
MILITARY CONNECTORS
CUSTOM I/O
KEYBOARD LANGUAGE

COMPLIANCE

ENVIRONMENTAL: MIL-STD 810G, 0-40 DEGREES C

SHOCK:

OPERATING: 10G, 11MS HALF-SINE
NON-OPERATING: 30G, 11MS, HALF-SINE

MIL-DTE-901E LIGHTWEIGHT SHOCK, CLASS B

BATTERY ADD-ON

6X 10.8V, 7,500MAH, 81WH BATTERIES

ATTACHMENT DIMENSIONS:

13.2" X 17.2" X 2.7"
(33.5 CM X 43.7 CM X 6.9 CM)
WEIGHT: 7LBS (3.18 KG)

DIMENSIONS AND WEIGHT

CLOSED DIMENSIONS:

13.2" X 17.2" X 6.0"
(33.5 CM X 43.7 CM X 15.24 CM)
WEIGHT: 27 LBS (12.25 KG)



Keyboard-less NotePAC III Pro V
NotePAC III Pro Unibody



BUILT TO YOUR SPECS

Our in house engineering and design team is able to create custom solutions, either adding modifications of our standard products or full custom designs. Our sales engineers will work closely with you to truly understand the problem, special certification requirements, quantity and schedule.

QUALITY TESTED

We pride ourselves in our strict quality control and high standards. Our factory is ISO 9001 certified, and all units are thoroughly inspected and tested in the USA before shipment. Warranty is offered on all units

Contact Us:

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ABOUT US:

With over 25 years of experience, we pride ourselves in creating unique computing platforms that are customized specifically for demanding applications. Our portable computers are built to support intensive applications, additional PCIe cards, large disk storage, and multiple displays. From graphic-intensive applications to high-density storage servers, our computers are used in a number of industries, including digital media and broadcasting, test and measurement, and government and military.