



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.

Increased 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 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 software. The increase in display space greatly increases efficiency and productivity.

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

ACME PORTABLE MACHINES

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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 lightning 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 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 801G (environmental). All I/O ports are covered to keep out dust, rain or humidity. Rubber bumpers keep the unit safe from vibration and shock.



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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, an AC-DC adapter, and a power cord.



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DISPLAY

2X 17.3" FHD 1920X1080

UPGRADABLE OPTIONS:
UHD 3840X2160, 60HZ DISPLAY,
2K, 144HZ DISPLAYS

CPU

INTEL® XEON® PROCESSOR

GRAPHICS CARD

NVIDIA RTX A4000 16GB

STORAGE

4X STANDARD REMOVABLE DRIVE BAYS
FOR UP TO 8TB EACH

CHASSIS DIMENSIONS/WEIGHT

HEIGHT: 6.0" (153MM)
WIDTH: 17.2" (437MM)
DEPTH: 13.2" (335MM)
WEIGHT: 26.5LBS (12KG)

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, specific certification requirements, quantity and schedule.

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 & broadcasting, test & measurement, and government & military.

ACME PORTABLE MACHINES, INC.
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PORTS

QUAD LAN WITH INTEL® ETHERNET
CONTROLLER I350-AM4,
DUAL LAN WITH 10G SFP+ LAN VIA SoC,
DUAL LAN WITH 10GBASE-T,
3X HDMI EXTERNAL CLONE

MEMORY

32GB DDR4 RAM,
UPGRADABLE TO 512GB

POWER SUPPLY

600W, 100~240 VAC AC-DC ADAPTER;
6X 10.8V, 7,500MAH, 81WH BATTERIES

CHARGER SPECS

CHARGING VOLTAGE: 19V $\pm$ 1V,
CHARGING CURRENT: 13A $\pm$ 0.5A

BATTERY DIMENSIONS/WEIGHT

HEIGHT: 12.67" (322MM)
WIDTH: 17.04" (433MM)
DEPTH: 2.71" (69MM)
WEIGHT: 6.6LBS (3KG)

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.

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