

NITRO UPRIGHT CABINET SPECIFICATIONS

NOVA, 2024, 10/20/2024, 10/20/2024
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The NITRO Slot Cabinet Series

- HD Monitor
- Premium Sound System
- Sleek, Ergonomic Design



NITRO XL

Immerse your patrons in an exceptional gaming environment via the NITRO slot cabinet line from Elite Gaming Technology.

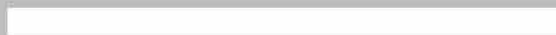
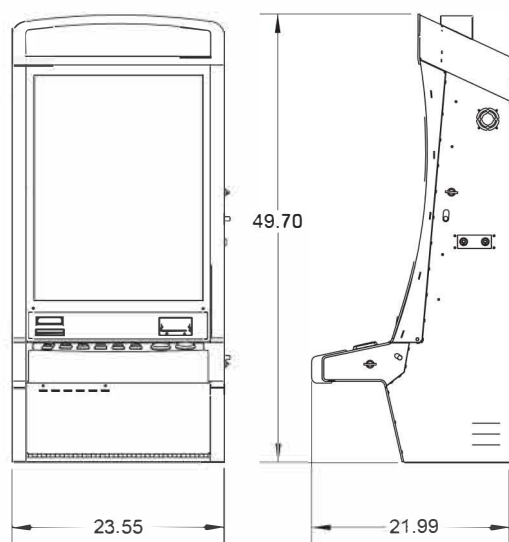
Excellent graphics, premium sound and programmable edge lighting combine with a sophisticated, sleek design for the definitive gaming experience.

- **NITRO XL** - Single 32", portrait-configured LCD cabinet with a special crown for backlit art
Customize cabinet features to your own specifications and get your players' pulses racing with the NITRO Series.

Exceptional Graphics Premium Sound Player-Focused Comfort

NITRO cabinets come brimming with standard features and optional components, including:

- Solid crown or LED-lit art glass
- Energy efficient, long-lasting LED lighting
- Premium audio system (EGT Sound Beam optional)
- Universal mounting technology for internal components
- Customizable button deck and player tracking panel
- Upgraded lighting features (EGT InfiniLite™ Controller optional)
- Custom NITRO slot base/stand



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DPX[®]-S2445

High Performance Intel[®] Multi-Screen Gaming Platform



Features

- Rugged logic box design
- Security and access to meet the requirement of the gaming industry
- Dual and Quad Core Intel CPUs from Celeron to Core i7
- Full gaming features set
- High performance integrated Intel GPU or PCI-Express graphics
- Support for up to 150W ¾ length double-width graphics cards
- 12V_{DC} or ATX power supply compatible
- "Futureproof" removable I/O shield design allow upgrade to future DPX-S motherboards, Easy service SSD/HDD module



Introduction

The DPX-S2445 is a complete gaming system combining the unrivalled performance of Advantech-Innocode's DPX-S445 motherboard with the convenience of the new DPX-S2000 enclosure. The DPX-S2445 system has a card slot bay for a PCI-Express graphics card that is wide enough for today's high powered double-width graphics cards giving the customer the ability to upgrade from the integrated graphics or add more monitors (up to 7 or more). For mass storage the system includes a quick release carrier with shock mounting for solid state disk or hard drive.

Specifications

System	Intel [®] Embedded Dual and Quad Core CPUs – Celeron, Pentium, Core i3, i5, i7 up to 2.9GHz (3.8GHz) Long lifecycle 5+ years availability DDR4-2400, 2 SODIMMs up to 32GB total RAM 2 x Gigabit Ethernet LAN 2 x SATA/SATA DOM sockets (SATA 3.0, 6Gbps) Audio (on-board 3 channel amp) 8192 kB SRAM (NVRAM), 32kB EEPROM
Video (integrated)	Integrated performance chipset graphics system (Intel GT2-530) Direct X 12, Open GL 4.4, UVD v6, H.265 Triple monitor support from APU 3 x DisplayPort DP++ v1.2 with 5.4Gb/s link speed and daisy chaining
Video (expansion)	Full speed PCI-Express X16 (full x16) Gen 3 slot
Security	TPM security device on board Intrusion switch inputs (8 dedicated) BIOS customization iButton [®] interface (2 x 1-wire ports) support for external iButton reader) Precision secure Real time clock device Protected I2C port Security ROM support
Software	Edge-to-edge drivers and API/SDK Code portability through consistent API with other Advantech-Innocode boards Range of Innocode software products for Gaming
CPU/Chipset	Intel 6th/7th Gen. Dual and Quad Core CPUs
Memory	2 x SODIMM sockets Up to 32GB DDR4 -2400 MT/s SDRAM
BIOS	AMI APTIO UEFI BIOS with support for legacy boot devices BIOS can be write protected BIOS / Expansion ROM module – field removable /verifiable

LAN	2 x Ethernet Gigabit LAN Full duplex operation Wake-On-LAN capability
Storage	2 x SATA 3.0 for HDD, SSD or SATA DOM
Ports	5 x RS232 Serial, 16550 compatible 2 x CCTalk/RS232 1 x RS232/TTL 1 x ID003/TTL/RS232 1 x RS232/485 11 x USB (3 x USB 3.0/ 2.0) 2 x I2C on board header (one protected) Audio out - SPKR (left, right and LF), line out 5.1 channels
iButton/GPIO	Two Bi-Directional, programmable GPIO header for iButton, special purpose device or security module
Discrete I/O	32 ESD protected inputs 32 OC Outputs (500mA, 50V) (of which 8 I/O ports can be configured as meter outputs with disconnect detect)
Audio (line level)	HD 5.1 Audio - Front I/O jack connectors for: FL, FR, CE, LFE, RL, RR On-board connector for Line in L&R, MIC In, SPDIF in, SPDIF Out, Jack detect Headphone connector
Audio (amplified)	On board 15W + 15W + 15W (FL, FR, LF) Class D audio amps with bass boost
SRAM (NVRAM)	8192 KB fast SRAM (2 banks) on PCI bus Battery state software readable
TPM	TCG/TPM 2.0/1.2 compliant security device on board
Watchdog Timer	Programmable time-out
EEPROM	32kB user EEPROM (option for larger)
Asset Tag	Unique API readable serial number

Specifications Cont.

Intrusion Detection	8x Intrusion detection input lines (one used for enclosure) Operates with and without system active Logs date/time of last 254 events Logs system resets/brownouts as events EEPROM backup for 10 years retention
System Health Monitoring	Measurement of CPU core temp. with thermal trip. Configurable smart fan control for CPU and System fan
Power Fail Detect	External sensor input for advanced warning of AC power fail
Expansion	2 x I2C, 2 x 1-Wire PCI-Express x 16 graphics card

Power	12VDC single input or ATX12VDC v2.3 or newer power supply Intelligent power control
Environment	Operating Temperature: 0 ~ 40 °C Storage Temperature: -20 ~ 85 °C
Approvals	EMC: CE, FCC Class A RoHS, WEEE
Dimensions	260 (W) x 214 (L) x 124 (H) mm (10.2" x 8.4" x 4.9")

All product specifications are subject to change without notice.

Optional Accessories

Range of PCI-E graphics cards
I/O connector breakout board (horizontal and vertical options)
Edge card connector set
SATA DOM, SSD storage devices
iButtons®, iButton carrier

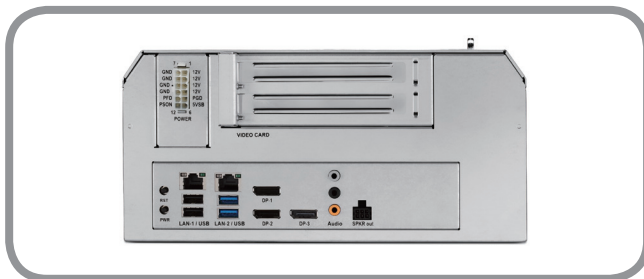
Benefits

High performance Intel CPU and Chipset
Single integrated solution
Designed for the Gaming Industry
Backwards compatible with DPX-S series boards
Open architecture expansion via PCI-E x16 slot
Long Lifecycle

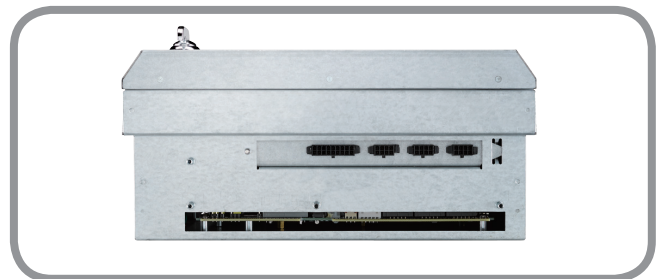
OEM Customization and Product Development

- Advantech-Innocore is part of the Advantech Co., Ltd. Group of Companies.
- Advantech-Innocore specializes in the fields of PC-based hardware design and software development. Our in-depth knowledge and global resources make us your ideal partner.
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Front View



Rear View



Inside View

