



MDSI Packaged Control Solutions

Control hardware plus OpenCNC® or WinMotion® preloaded

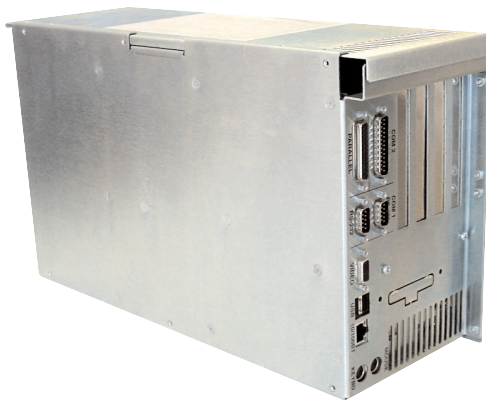


15 " high resolution
TFT flat panel
touchscreen monitor

Reduce integration costs with MDSI's new packaged control solutions.

With OpenCNC® and WinMotion® open-architecture software preloaded, plus all the necessary hardware, MDSI's new packaged control solutions offer the best of both worlds.

The new package combines MDSI's innovative and industry-leading high-speed software, an industrial hardened PC, a NEMA-rated flat touchscreen monitor, and machine interface into a complete control package. It's convenient, user friendly--and it saves you time and money.



Every package includes:

- Industrial PC with Pentium III 1.0 GHz, in compact, rugged and expandable package, with room to install network or machine interface cards
- 15" flat screen touchscreen
- OpenCNC® software CNC or WinMotion® soft motion control preloaded
- Microsoft® Windows 2000® / Windows XP®
- Support for 4 or 8 axes, up to 128 I/O
- Optional handwheel pendant and a selection of industrial keyboards
- Machine interface components and cabling pre-installed, configured, and tested
- One-year warranty on all parts and labor

See reverse for additional specifications.



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Components

Industrial PC

- Pentium III 1.0 GHz PC
- Field removable 20GB hard drive
- Ports: two serial, one parallel, PS/2 keyboard and mouse, and VGA
- 2 USB ports, CD, floppy
- 3 PCI and 2 ISA slots
- Integrated AGP graphics controller with 4 MB video RAM
- 1.44 MB floppy drive
- CD-ROM drive (CD-RW upgrade optional)
- 10/100 BaseT Ethernet port, suitable for real-time Ethernet I/O
- Multiple mounting options
- CE and UL-certified

15" LCD Touch Monitor

- State of the art 15" Sharp Smart Panel TFT XGA color LCD supporting resolutions up to 1024 x 768 @ 75 Hz, 16-million colors
- Sophisticated scaling engine produces excellent full screen images in all common VESA modes automatically
- Analog resistive touch screen and driver software standard
- Shallow mounting depth - only 2.3" deep
- Precision die-cast powder coated aluminum front bezel
- Provision for 75mm VESA arm mounting on back of monitor
- Simple installation using mounting clips - no studs
- 10-ft. cables, can be extended to 35 feet or more
- NEMA 4/4X/12 front panel
- UL listed for hazardous locations: Class I, Division 2, Groups A, B, C, D; Class II, Division 2, Groups F and G



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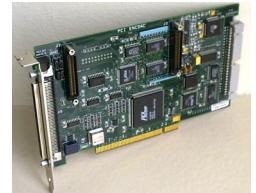
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I/O

- Your choice of 24V inputs, 24V outputs, AC inputs, AC outputs or relay modules. Uses one PCI slot.
- Industry-standard opto-22-style I/O racks and cabling

Machine Interface PCI Board

- Choose 4 or 8 encoder and DAC channels
- Watchdog timer relay
- Encoder out of sequence detection. Uses one PCI slot.
- High speed inputs for probing



Options

- **Handwheel Pendant**
 - Supports up to 6 axes
 - Three jog distances
 - Emergency stop
 - 4-foot coiled cable



- **Keyboard and pointing device**
 - Choice of stainless steel NEMA-rated keyboard and trackball, or flexible keyboard



For More Information

For drawings and more information on hardware components, go to www.mdsi2.com/products

For more information on OpenCNC and WinMotion software packages, or other MDSI products, go to: www.mdsi2.com

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