

WorldClass

INDUSTRIAL COMPUTERS



What We Do **BEST** *Industrial computers that DO NOT FAIL*

Transduction manufactures industrial computers of the highest quality designed not to fail — a must for anyone in today's industrial and process industries who cannot afford one minute of downtime.

Our computers are designed for maximum reliability measured in hours of MTBF. With more than 100,000 Transduction computers already working 24/7 in the USA, Canada and Mexico, you know you're getting a reliable, long-lasting industrial computer.

We use only the most reliable parts available on the market. Our experienced team spends an extensive amount of time evaluating each and every part to ensure its quality and availability in the long term. We even manufacture our own chassis to have complete control of the design.



Who we **SERVE**

- Nuclear Plants
- Military
- Power Utilities
- Petrochemical Plants
- Telecommunications
- Industrial Plants
- Mail Sorting Centres
- Pharmaceutical Plants

Top quality at a competitive **PRICE**

We know today's industrial and process manufacturers need to keep costs low. That's where Transduction gives you the advantage you need, helping you:

- Lower the cost of chassis design and prototypes
- Save money on excesses chassis inventory
- Implement fast production changes at minimal cost
- Take advantage of competitive prices with no compromise on quality
- Get free, instant response to any request
- Gain access to fast, friendly service at reasonable prices
- Get as many of our proven products as you need — when you need them

At Transduction, our prices are competitive, but we don't compromise on quality.



World-Class **DESIGN**

You'll see the Transduction difference the first time you call us. We'll never ask, "What do you want to buy?" but, rather, "What are your requirements?" We're your partner in the computer design process from the ground up.

Our world-class team of design, mechanical and manufacturing engineers will work with you to ensure you get a high-performance, reliable and cost-effective rack and panel mount computer chassis and complete system tailored to your specific application requirements.

Our innovative design process offers you:

- A design team with more than 150 man-years of experience in adapting to the technological changes to industrial computers
- Access to a database of the most reliable, field proven components with a history of any failure during 30 years
- Access to CAD-CAM computers loaded with specialized software to design electronic enclosures and computer chassis
- A guaranteed system that matches your requirements without compromising on quality, reliability and performance



Proven **PRODUCTS**

When you choose a Transduction industrial computer, you'll get top-quality, high performance systems that do not fail. We offer:

- An extensive line of products, including rack and panel mount computers, LCD monitors, custom chassis and cabinets
- An experienced technical team to assemble all your specified components
- A customized production process that results in an organized, reliable system
- A passive backplane to accommodate a larger number of ISA and PCI slots
- Carefully implemented component placement and cabling systems that optimize operation, air flow and cooling efficiency
- Robots that include modern AMADA turret punch press and AMADA precision computer controlled brakes capable to 0.002" repeatable precision that print sheets of metal from your drawings
- AMADA precision metal de-burring and surface finisher, professional pem-nut and stand-off insertion equipment and a spot welding facility
- Custom finishing, including zinc plating, anodizing, epoxy baked paints and silk screening

Rigorous **TESTING**

- Safety ✓
- Reliability ✓
- Security ✓
- Commercial ✓
- MIL ✓
- Nuclear ✓

Why **TRANSDUCTION**

- We are an established manufacturer of high performance systems since 1975
- Our products are guaranteed for quick delivery in USA, Canada and Mexico
- All our products come with a standard 3 to 5-year warranty
- We guarantee the long-term supply of our products: NO "seasonal products"
- We offer exceptional post-sale technical service and support
- We keep a log of each failure during production and in the field to solve potential problems BEFORE they occur
- All our products are under strict revision controls
- Our business is your business and we'll help you achieve success

Industrial Panel/Rack Mount Computer



TR-5190 NEMA 4 Panel/Rack Mount Computer
NEMA 4 rated industrial panel mount computer model TR-5190 has 19" LCD with resolution 1280 x 1024 and matching touch screen. Has expansion slots for client option cards. Choice of Intel P4 or C2D/C2Q processors. Warranty 3 years.



TR-5195F Fanless Panel/Rack Mount Sub-Station Computer

The TR-5195F is a 19" fanless industrial computer with Intel ATOM 1.6GHz designed for maximum reliability. Options include isolated serial ports and IRIG A/B precision time synchronization. Warranty is 5 years.



TR-LCD1500/1900-ITX Rack or Panel Mount Half-Fanless Industrial Computers with 15"/19" LCD and Touch Screen

These low cost computers include Intel ATOM 1.6GHz processors with no processor fan, 2GB DDR RAM and 2.5" high speed solid state flash drives. Warranty is 3 years.

Our PRODUCTS

Industrial Panel/Rack Mount Computer



2U SPOCK Rack Mount Computer

Rugged, reliable computer often used in MIL applications. Choice of Intel P4, C2D, C2Q and Xeon processors. Can be supplied with flash drives or hard drive in a single or dual RAID1 configuration.



4U Gloria V Rack Mount Computer

4U high rack mount chassis designed to accommodate over-sized PICMG 1.3 backplanes and system host boards. It will also accommodate commercial motherboards.



6U Berta Rack Mount Computer

Designed to accommodate 20 slots backplanes with ISA, PCI, PCI-X and PCIe expansion slots. Superior thermal design with optimized air flow. Choice of single or dual hot swap power supplies up to 1600W.



NEMA 4 Panel or Rack Mount Monitors

Reliable industrial LCD monitors with resistive touch or capacitive touch screens. The lowest EMI specifications in the industry, 10dB below FCC Class B. Long term supply with warranty of 3 years.

For a complete list of products please visit our website at www.transduction.com.

TRANSDUCTION manufactures reliable Industrial Computers that **DO NOT FAIL**



FACT: Only Transduction and IBM have been in the computer business more than 35 years.

Why have we been in business so long? It's because we supply only the highest-quality products designed to last the longest, a must for clients who invest in factories and processes that will last up to 30 years.

In the past 35 years, we have installed more than 100,000 computers running 24/7 in Canada, the United States and Mexico.

We use only the most reliable parts with full revision controls. Our team of experienced electronic, computer and mechanical design engineers spend time evaluating each and every part to ensure it is top-quality and will be available for the long-term.

And, we keep accurate records of each failure in the field. The result? The most reliable, price-competitive industrial computers available on the market today.

When you want a long-lasting, reliable, top-quality industrial computer, just give us a call at 1-800-268-0427.



Toll Free: 1.800.268.0427
Tel: 905.625.1907
Fax: 905.625.0531

5155 Spectrum Way, Bldg. 23,
Mississauga, ON, Canada L4W 5A1