

VRTTI TECHNOLOGIES



PRODUCT BROCHURE

About Us

Vrtti Technologies was established with the aim to provide state-of-art products and solutions catering to Defense & Aerospace as well as Industrial & Automotive domains.

We at Vrtti Technologies, are geared up to be a leading sales, integration and technical support company providing high performance embedded and have man 75+ years' experience in servicing Indian embedded marketplace with key focus on providing technology and services to varied critical & demanding application requirement

Vrtti Technologies offer a range of solution-oriented Industrial as well as Military grade Embedded hardware and software products, components, connectors and accessories as to provide in a system level solution.

Our offerings

Computing Hardware solutions for Commercial, Industrial and Harsh Environment Application

- **ComExpress Based modules**

- **Boards:** 3.5" SBC, COMe/COM-HPC, EBX/EPIC, Mini ITX, PCIe/104, Peripheral/MXM, Micro ATX, Power Module.
- **GPU SYSTEM:** Liquid Cooled, 1-CPU 1-GPU, 1-Xeon 2-GPU,1-Xeon 4-GPU, Nvidia Computer.
- Air-Borne, Panel Computer, SFF Mission Computer, Video Recorders & Storage, Xeon-D Server



- **Rugged laptop**

- Thinnest and lightest in 14" & 15" Inch Full Rugged qualified laptop.
- Semi Rugged 14" Inch Laptop.
- Sleek and Compact with Enterprise-Class Performance Tablet.
- Extreme Power, Ultra Compact



- **HPC Server's**

- 1U
- 2U/3U
- Portable Server



- **I/O modules**

- Analog I/O's
- Digital I/O's
- Communication module
- FPGA Module
- Multifunction I/O's



- **Protocol converters**

- Rack mount 8 to 16 channel Serial to Ethernet
- USB to ethernet Converters



- **Ethernet switches**

- 1U/2U Layer 2/3 1Gig/ 10 GbE 24 Port standalone Ethernet switches
- Compact 24port Rugged L2/L3 Ethernet switches

Industrial Soldering: Soldering Station

- BGA/QFP Soldering Station Repair : Hot Air Station Set, 700 W , BGA/SMT Rework system 2300 W
- Rework, Hot Air, Desoldering Stations
- WE Line Soldering Stations : 1-Channel Power Unit, 95 W & 150 W, 1-Channel Soldering Station digital 95 W, 2-Channel Soldering Station digital 150 W, 2-Channel Power Unit, 150 W, Hot Air Station 900 W.
- WT Line Soldering Stations : 1-Channel Power Unit, 95 W & 150 W, 1-Channel Soldering Station digital 95 W, 2-Channel Soldering Station digital 150 W, 2-Channel Power Unit, 150 W, Hot Air Station 900 W.
- WX Line Soldering Stations : 1-Channel Power Unit, 200 W, 1-Channel Soldering Station, 200 W, 2-Channel Power Unit, 200 W (255 W), 2-Channel Soldering Station, 200 W (255 W).
- WXS Line Soldering Stations : WXair Module 100-230V, 2-Channel Power Unit, 300 W.



Soldering Irons

- Desoldering Irons.
- Desoldering Tweezers.
- Gas Soldering Irons.
- Hot Air Irons.



- Mains-Powered Soldering Irons.
- WE Soldering Irons.
- WT Soldering Irons.
- WX Line Soldering Irons & WXS Line Soldering Irons.

Soldering Tips

- | | | |
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| <ul style="list-style-type: none"> • CSF Suction Nozzle Soldering Tips • CT Soldering Tips • DX Suction Nozzle Soldering Tips • ET Soldering Tips • LHT Soldering Tips • LT Soldering Tips • MT Soldering Tips |  | <ul style="list-style-type: none"> • XTR Soldering Tips • RT Micro Active Soldering Tips • RT Pico Active Soldering Tips • RT Ultra Active Soldering Tips • RTW Micro Desoldering Tweezer Tips • WQB Hot Air Repair Nozzle Soldering Tips • WTA Desoldering Tweezer Tips • WXsmart Micro Active Tips • XDS Suction Nozzle Soldering Tips |
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Soldering Wire

- Soldering Wire Feed System
- Soldering/Desoldering Wire Dispenser
- WSW Soldering Wire



Soldering Accessories

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| <ul style="list-style-type: none"> • Dispensing • Dispensing Needles and Accessories • Heating Elements for Soldering Tools • Manual ESD-Safe Desoldering Pump with Aluminum Body • Nozzle for WTHA 1 | <ul style="list-style-type: none"> • Nozzles for Hot Air HAP 1/HAP 200 • Soldering Cleaning Accessories • Soldering Safety Rests • More.... |
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Filtration: Weller fume extraction Systems for clean Air

- Solder Fumes Direct Extraction 1-2 Workstations
- Solder Fumes Volume Extraction 1-2 Workstations
- Solder Fumes Volume Extraction 1-4 Workstations
- Solder Fumes Volume Extraction 1-8 Workstations

Arms, Hoods and Accessories Replacement Filter

Precision Tools

- Cutters
- Pliers
- Pneumatic Tools
- Tweezers
- Toolkits



Embedded Software Services

BSP Development

- Porting Embedded operating systems and offer board support packages for custom hardware

Embedded System Platform Development

- Building a software platform for application development with fully tested BSP, Drivers along with ready to go example programs for any custom hardware.

Embedded System Platform Migration

- Rehosting the existing application to different OS or to a different hardware platform

User Interface Development

- GUI Development for Embedded/Desktop platforms

Middleware and Custom API Development

- Hardware agnostic, cross-platform API Development to support different OS/Architectures.

Firmware Development

- Quality Development services for bare metal firmware (Custom or standard Bootloaders)

Device Driver Development

- Linux, Windows, VxWorks , DeOS,

