VarTech's rugged rack mount displays and all-in-one computers are engineered to perform in mission critical applications and meet tough industrial and military requirements. Power efficiency and durable construction make our rack mount products the perfect SWaP-C solution for battlefield management, reconnaissance, ship board consoles, and airborne applications. Wide operational temperatures allow for these displays to operate within close proximity of hardware without negative effects from high heat. Easily connected to industrial I/O, RTU, and other controllers/IPC the rack series can be assembled with a wide range of options that enable flexible configuration.

**Available Video Interface**
- HDMI, DisplayPort, VGA (HD-15), BNC, HDMI, DisplayPort, VGA, BNC, DVI, HD-SDI
- DVI, Composite BNC

**Optional Embedded Computer**
- Available processors: Intel Atom, Celeron, and Skylake/Kaby Lake Core I series
- Up to 32GB RAM
- HDD (2TB) and SSD (512GB)
- Numerous I/O

**Options**
- Touch Screen: Resistive, Capacitive, ArmorTouch (Glass-Film-Glass Resistive)
- EMI Protection, 12,24,28,48,125VDC power supplies

### Resolutions Defined
- SVGA (800x600), XGA (1024x768), SXGA (1280x1024)
- WXGA (1280x800), WXGA+ (1440x900)
- Full HD (1920x1080), Full HD P (1080x1920)

### Table

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<thead>
<tr>
<th>Size</th>
<th>Resolution</th>
<th>Rack U</th>
<th>Brightness (nits)</th>
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<td>5U</td>
<td>650/1500</td>
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<tr>
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<td>XGA</td>
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<td>SVGA</td>
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<td></td>
<td>XGA</td>
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<td>400/1000</td>
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<td>24”</td>
<td>Full HD P</td>
<td>14U *</td>
<td>300/1000</td>
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</tbody>
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*Portrait Mode*
VarTech Systems Inc., a US Owned small business, specializes in manufacturing of rugged military/commercial off-the-shelf (COTS) flat panel displays and military/industrial computer workstations.

**Core Competencies**

- **Industrial Applications**: Panel, Rack, VESA and Console mount video displays/PCs/Touch Screens for both mobile & fixed location user controls and CCTV camera systems (Analog/Digital)

- **COTS Displays and Computers**: Field-proven commercial off-the-shelf designs for use in:
  - **Military operations**: Resistant to shock, vibration, extreme temperature, humidity & direct sunlight
  - **Marine operations**: Navigation system controls & surveillance monitors with waterproof salt water resistant housings and sunlight readable displays
  - **Avionics**: Sunlight readable, NVG Compatible (NVIS MIL STD 3009) airborne displays/computers with analog and digital inputs

- **Custom LCD/Computer Solutions**: Ability to modify equipment to highly specialized mechanical, electrical (461 EMI) and environmental requirements

- **Retrofit Solutions**: Mechanical and electrical drop in replacement designs considering both user experience and installation process

- **Repair Services**: IC level repairs to total refurbishment of industrial/military grade CRT monitors and LCD flat panel displays inclusive of OEM designs (No Charge Evaluation)

**Company Information**

- **Fed ID**: 84-1104385
- **DUNS**: 840912190
- **CAGE**: 0ZE75
- **ISO 9001 Certification**: 562 588FM
- **ITAR Registration**: M26167

**NAICS CODES**

- 334111: Electronic Computer Manufacturing
- 334118: Computer Terminal and Other Computer Peripheralequipment Manufacturing
- 334419: Other Electronic Component Manufacturing
- 334519: Other Measuring and Controlling Device Manufacturing
- 334512: Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use
- 334513: Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables

**PAST PERFORMANCE HISTORY**

- **Lockheed Martin-Vitrocsset/Contractor**: Joint Strike Force F-35 Ground Support Equipment, Power Cart & Air Conditioning Cart for supplying electricity and air conditioning in a wide range of climatic conditions, Operator Interface Display Panel
- **Sikorsky/Direct Contract, Buyer/Lancaster – Missile & Fire Division**: General Lab and Aircraft Cabin Testing Equipment, Rugged Panel Mount Monitor with Avionics Bonding for altitudes exceeding 10,000 feet, MIL-STD 3009 & MIL-STD 461E Compliance
- **US Navy/Prime Contractor**: DRS Power & Control/Power Conversion Module for DDG F1 Class Flight III Air & Missile Defense Radar/ Ruggedized Panel PCs
- **USAF/Direct Contract**: Upgrade of Avionics Test Benches for F-15/Rack mount Touch screen Displays
- **US Army/Prime Contractor**: Smiths Detection/M8E1 Chemical Biological Protection Shelter CBPS-M8E1/HMI Touch Screens
- **US Marine Corps/Prime Contractor**: Mercom/AFAFATS C2 System - Upgrade of Mobile Tactical Shelter AN/TSQ-272 UFD/Function Button Touch Screen Control Displays