VadaTech provides innovative embedded computing solutions from board-level products, chassis-level platforms, to configurable application-ready systems. With our unique combination of electrical, mechanical, software, and system-level expertise, VadaTech can provide customized commercial or rugged computing solutions to meet the most complex customer requirements.

Our expertise includes:
- Processors • Networking
- FPGAs • Chassis Design/Integrated Systems
- Graphics • Storage • Power Modules
- Shelf Management • Carriers/Adapters • Software

Other key markets for VadaTech products include:
- Transportation
- Network Security
- Test/Measurement
- Medical
- Industrial
- Energy
VadaTech’s expertise is developing the best innovative solutions to meet your application’s needs. With a focus on our modular open standard platforms of choice — MicroTCA and AdvancedTCA, we offer unmatched product selection and expertise in the full xTCA ecosystem. The company also provides specialty products in OpenVPX, CompactPCI, VME64x, and custom architectures.

**PRODUCTS**

**ADVANCED TCA**

- Processors
  - Intel-based Xeon
  - Intel-based Core i
  - Freescale-based QorIQ
  - Tilera-based GX
- FPAs/FMCs
  - Xilinx-based
  - Altera-based
  - Cavium-based
  - Micro-RTMs
- Switches
  - Layer 2 or Layer 3
  - 10G to 40G
  - Ethernet versions
- Graphics/Mixers
  - Single Channel
  - Dual Channel
  - Video Driver
  - Video Mixer
- Storage
  - 2U-3U Horizontal Mount
  - 5U-9U Vertical Mount
  - Cubes
  - ATRs
  - Application-Ready Platforms
- Chassis Platforms
  - Up to 3 generations
  - Mezzanine style
  - Versions for various vendor’s chassis
- Shelf Managers/ IOM
  - COMING SOON
- Network Cards & IOM
  - COMING SOON
- Carriers
  - NOT SOLD SEPARATELY
- Power Modules
  - COMING SOON
- Rugged/ATR
  - Not sold separately
  - Rugged 19” cabinet

**MICRO TCA**

- Processors
  - Intel-based Xeon
  - Intel-based Core i
  - Freescale-based QorIQ
  - Tilera-based GX
- FPAs/FMCs
  - Xilinx-based
  - Altera-based
  - Cavium-based
  - Micro-RTMs
- Switches
  - Layer 2 or Layer 3
  - 10G to 32G
  - Ethernet versions
- Graphics/Mixers
  - Single Channel
  - Dual Channel
  - Video Driver
  - Video Mixer
- Storage
  - Dual HDD/SDD
  - SAS only
  - SATA/SAS
  - Advanced RAID
- Chassis Platforms
  - 1U-2U Horizontal Mount
  - 5U-9U Vertical Mount
  - Cubes
  - ATRs
  - Application-Ready Platforms
- Shelf Managers/ IOM
  - COMING SOON
- Network Cards & IOM
  - COMING SOON
- Carriers
  - NOT SOLD SEPARATELY
- Power Modules
  - COMING SOON
- Rugged/ATR
  - Not sold separately
  - Rugged 19” cabinet

**OTHER ARCHITECTURES**

- Processors
  - Freescale
  - Freescale/Intel
- FPAs/FMCs
  - Xilinx
  - Altera
  - Cavium
- Switches
  - Layer 2 or Layer 3
  - 10G to 40G
  - Ethernet versions
- Graphics/Mixers
  - Single Channel
  - Dual Channel
  - Video Driver
  - Video Mixer
- Storage
  - Dual HDD/SDD
  - SAS only
  - SATA/SAS
  - Advanced RAID
- Chassis Platforms
  - 1U-2U Horizontal Mount
  - 5U-9U Vertical Mount
  - Cubes
  - ATRs
  - Application-Ready Platforms
- Shelf Managers/ IOM
  - COMING SOON
- Network Cards & IOM
  - COMING SOON
- Carriers
  - NOT SOLD SEPARATELY
- Power Modules
  - COMING SOON
- Rugged/ATR
  - Not sold separately
  - Rugged 19” cabinet
VadaTech is highly experienced in ruggedizing standard COTS modules as well as providing customized rugged solutions. For MicroTCA-based products, the specification utilizes the same base modules in commercial applications with a rugged clamshell design for Mil-centric or other extreme designs. Therefore, VadaTech can ruggedize virtually any of our standard MicroTCA AMCs. The company also provides an array of rugged chassis and ATR designs. See our MTCA.2 and MTCA.3 product lines for more information.

VadaTech has developed unique ruggedized solutions for AdvancedTCA. The company also offers rugged designs in custom or specialized architectures.

VadaTech is a AS9100 and ISO9001 certified company. Our stringent quality assurance program provides superior product consistency, traceability, documentation and more. The Quality Management System assures continual improvements of our processes, products, services, and compliance with our customer’s regulatory requirements.