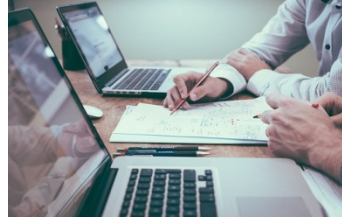


eComp Custom Computing Solutions

Stable, custom built systems with life-cycle support for change resistant markets

Our design and engineering process will allow your custom, purpose-built solution to meet and exceed your expectations. Whether you require a custom solution that meets the strict guide-lines of the medical industry, or a solution fit for a rugged military environment, we've got you covered. Our program management partners ensure that a consistent and predictable supply chain unburdens your company, lowers costs and improves product delivery and quantity.



Our Approach

Consult. Design. Deploy. Support.

Whether the process begins with a functional requirement, BOM or somewhere in between, our close collaboration will result in a defined project scope and proposal to turn your requirement into a purpose-built solution.



Next our design engineers and support partners evaluate your requirement and collaborate with trusted suppliers to source high-quality components, lock down the system BOM and create detailed build documents to deliver a solution that is consistent, repeatable and built for the user defined life-cycle of the end product.



After prototyping and testing to your specifications using industry best standards, we deploy your solution on your timeline. Starting well before the first shipment, we ensure stability and long term deliverability of your purpose-built solution using our rigorous project management process.



Finally, a purpose-built system deserves purpose-built support. We offer customized support for your specialized system and its components through out its life-cycle. Our service programs are designed to be cost-effective and on-going, providing you with effective, stable, long-term support.

About Us

eComp is an ISO 9001:2008/AS9120A, HUBZone registered company who has been providing best in class service and products to the military, medical, aerospace and industrial markets for sixteen years. We focus on life-cycle and program support for the sustainability of new and legacy components, software and network assemblies. For more information visit us at www.ecompsystems.com or www.ecompbiz.com for more information about our areas of expertise.



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EC1700 — Custom Built Solution for Rugged Environments

| | |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor | Intel Core i7-600T 2.8Ghz 35W TPD |
| Operating System | Hardware is compatible with both WIN 7 pro (32/64 bit) and WIN 10 Enterprise (32/64bit with Credential Guard (64 bit only) |
| Memory | Dual Channel, DDR4, non-EEC, un-buffered installed RAM: 8GB DDR3 (2X4GB) |
| Hard Drives | 500GB Seagate 3.5" HDD: SATA 3, 7200RPM, 16 MB cache |
| Optical Drive | LG 24x SATA Internal DVD/RW |
| LAN | Dual embedded Intel Gigabit LAN controller (10/100/1000) |
| Trusted Platform | UEFI Version 2.4 BIOS installed TPM 2.1 installed |
| Graphics | 1x VGA: resolution up to 1920 X1200 60Hz 1x LVDS: dual channel, resolution up to 1920 X1200 60Hz 1x DVI-I: resolution up to 1920 X1200 60Hz 1x DP++: resolution up to 1920 X1200 60Hz |
| Expansion Slots | 1 x PCIe x16 (GEN 3), 1 x PCIe x4 (GEN 3), 2 x PCI, 1 x Full-size Mini PCIe (USB/PCIe/mSATA, PCIe by default), 1 x SIM |
| Ports | Front: 2 x USB 2.0 Rear Ports: 4 x USB 3.0, 2 x USB 2.0, 1 x RS-232/422/485 (RS-232 w/power)(DB-9), 1 x PS/2 (Mini-DIN-6), 1 x VGA, 1 x DVI-D (DVI-D Signal), 1 x DP++, 2 x GbE (RJ-45) |
| Management | Fault monitoring (CPU Temperature and CPU cooling fan) with remote mgt support |
| Chassis | Height: 1U rackmount, Length: 21", Material: Heavy duty preplated SPGC cold-rolled steel |
| Power | 400W, auto-ranging 90 ~ 264 VAC, Input frequency range: 47-63 HZ, 80+ Gold Certified High Efficiency |
| Environment | Operating Temp: 0 – 40 degrees Celsius (32 – 104 degrees Fahrenheit) Operating Relative Humidity: 20% – 80%, non condensing Max Operating Altitude: 3,048 meters (10,000 feet) Storage Temp: -30 – 60 degrees Celsius (-22 to 140 degrees Fahrenheit) Storage Relative Humidity: 5% to 95% humidity Max Storage Altitude: 10,600 meters (35,000 feet) |
| System Component Drivers | Provided Drivers: Microsoft Windows 7 (32/64bit) and Windows 10 (32/64bit) compatible drivers for all installed system components (chipsets, USB, TPM, LAN adapters etc) Provided on CD or DVD |
| Documentation | Provided on CD and Download |
| Supportability | Support for motherboard and all other critical components available for 5 years. Documentation required |
| Warranty | 2 years parts and labor, depot level. Equipment supplier will pay return shipping. Warranty certification documentation required. |