Single Board Computer (SBC) based on 6th Gen Intel SoC for a Rugged Embedded Solution Provider

**BUSINESS REQUIREMENTS**
- SBC based on 6th Gen Intel processor
- Small form factor, Multiple connectivity and expansion options
- Rugged design, extended temperature operation

**OUR SOLUTIONS**
- Intel Core i7 SOC with DDR4 Memory (SODIMM & Memory down)
- Supports three independent displays and other standard peripheral interfaces
- Expansion options include mSATA/ PCIe Mini card, PCIe slot and legacy PCI bus

**TOOLS/TECHNOLOGIES**
- Cadence 17.2 design tool, UEFI Firmware, Windows 10, Linux
- 16 layer Stack-up, 200+ differential pairs, 3mil minimum trace width/spacing
- Small form factor design, Conduction cooled using custom built heat sink

**BUSINESS IMPACT**
- Shortened development cycle to realize faster time to market
- Rich feature set avoids the need for any add on cards
- Superior performance and high degree of scalability gives the product an edge over competitor products