

## COM Express® TK1 Solution Now Distributing Through Connect Tech

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Guelph, ON – Connect Tech is proud to announce that it will now distribute a [new COM Express® product](#), utilizing the TK1 processor. The CMG601 is based on the NVIDIA® Tegra K1 SoC. It is compliant with the COM Express® Type 6 pinout, provides advanced CUDA-computing capability, edge graphics APIs, breakthrough performance with low-power, and is ideal for small form factor and embedded market systems.

The NVIDIA® Tegra K1 (TK1) contains 192 supercomputer-class GPU cores with the NVIDIA® 4-Plus-1™ 2.3GHz quad-core ARM® Cortex™-A15 CPU. The CMG601 delivers 325 GFLOPS computing power with a low 15 Watt energy level.

This product is designed to be deployed with a [COM Express® Type 6 carrier board](#). The COM Express® Tegra K1 is able to operate at a commercial temperature of 0°C to 55°C or extended -20°C to 70°C (two models), yielding high reliability and capability for applications requiring faster performance but are SWaP-constrained in harsh environments.

### Specifications

- Quad-Core performance based on NVIDIA® 4-Plus-1 quad-core ARM Cortex-A15
- Advanced graphics powered by NVIDIA® Kepler™ architecture 192-core CUDA GPU
- 2 GB DDR3L memory with 64-bit width
- 2 independent displays supported
- CUDA 6.5, DirectX 12, OpenGL ES 3.0, OpenGL 4.4, Open CL 1.1
- Compact module size 95mm x 95mm
- Wide operating temperature range

### About Connect Tech:

For over 30 years, Connect Tech has built a solid reputation for expertise in providing professional design services, delivering unsurpassed technical support and developing innovative products for embedded applications. Our products include commercial off-the-shelf and modified solutions for COM Express®, Qseven, SMARC Carriers, Single Board Computers, GPU solutions, Rugged Tablets, Cellular/Satellite M2M, FPGA, Digital & Analog I/O, Power Supplies, Enclosures, CAN Controllers, Solid State Drives, Ethernet-to-Serial, Multi-port Serial Cards, Adapters & Development Tools. For additional information about Connect Tech: <http://www.connecttech.com/>