



# Kontron Canada

We provide advanced solutions and manufacturing services for avionics, communications and defense industries

## Designed and made in Quebec

We are the R&D center of excellence for design, development and manufacturing of rugged, high-performance computing platforms tailored to demanding environments.

From inflight connectivity to complex, mission-critical operations, our solutions ensure reliable and secure communications and connectivity anywhere.



We offer Open hardware and software platforms for inflight connectivity and entertainment



We offer Rugged, connectivity servers with long lifecycles for complex environments (shock, vibration, extreme temperatures)



We offer Manufacturing services for smaller, custom assignments to medium/high volume projects

Our Kontron Canada Systems manufacturing division ensures faster, more efficient electronics production processes

We offer:



**RPM**  
(Rapid Prototypes to Market) for your PCBA needs



**EMS**  
(Electronic Manufacturing Services) for mid/high volume



Speed and Quality



Expert Support



Unmatched Engineering



Cost-Effective



Flexibility



For more information on how we can take your projects from concept to reality, email us [info.americas@kontron.com](mailto:info.americas@kontron.com)



# Our capabilities at a glance

## Solution and system engineering

Software integration | Hardware integration | Continuous integration | Networking expertise | Complex system architecture and optimization | System definition & integration | Product regulatory, safety compliance & certification

## Software engineering

BIOS/UEFI | Board support package | RTOS | Board management controller | Network OS expertise | Software Virtualization | IoT | Cloud Architecture & Deployment Best Practice | Cloud Operation | Web UI

## Mechanical engineering

Complete system design | Assembly analysis | Detailed part design | Flow & thermal simulation | Shock and vibration simulation | Mechanical resistance FEA | Laboratory validation

## Hardware engineering

High density electro-mechanical design for complex, demanding applications | Custom product design | Rapid prototyping | Power delivery expertise | Simulation | eCAD | FPGA design

## EMS+ Provider Services

Component Engineering | Process Engineering | Test Manufacturing Services | Product Engineering (DFM, DFV, DFT) | Rapid Prototyping | NPI | SMT Production | Mechanical Assembly | Global 3PL | 3D Printing | Post-Mortem [FAIR] reports | Obsolescence Management

## Support

Design validation and qualification | Software quality assurance | Professional services | Sustaining engineering | Training | Project management | Product maintenance and upgrade | Innovation | User Documentation