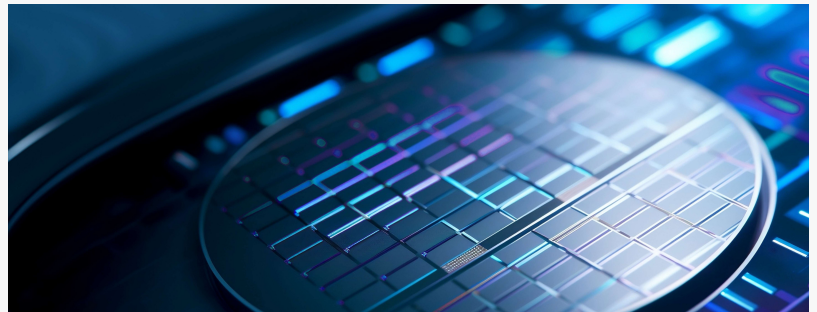


Hashhub Expands Toronto Semiconductor Operations as SmartVPU Platform Advances

Canadian fabless chip company grows its Toronto engineering base as its 30-TOPS SmartVPU video and edge-AI platform advances through physical design.

TORONTO, ONTARIO, CANADA, July 22, 2026 /EINPresswire.com/ -- Hashhub, a Canadian [fabless semiconductor company](#), today announced it is expanding its engineering and commercialization operations in Toronto, deepening the country's base of domestic chip-design capability as its [SmartVPU platform](#) advances through physical design.



"Hashhub's SmartVPU platform targets efficient video processing and edge AI. (Image: semiconductor wafer, illustrative.)"

The SmartVPU is a family of purpose-built processors for advanced video processing, imaging and edge artificial intelligence — workloads that increasingly need to run efficiently on devices

and at the network edge, where general-purpose processors are power-hungry and costly. Hashhub's lead SmartVPU design delivers 30 TOPS of combined AI and video-processing performance, supports the H.265, H.264 and VP9 codecs, and handles up to four channels of 8K transcoding, on a 16nm FinFET process drawing between 50 and 75 watts.

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Growing our Toronto operations is about building lasting semiconductor capability in Canada, not just shipping a single chip.”

Daniel Rafue

"Growing our Toronto operations is about building lasting

semiconductor capability in Canada, not just shipping a single chip," said [Daniel Rafuse](#), founder of Hashhub. "We're designing specialized silicon that does video and edge-AI work far more efficiently than off-the-shelf processing — and we're doing it from a Canadian engineering base at a moment when domestic chip capability has never mattered more."

A platform, not a single chip

Hashhub is positioning SmartVPU as the foundation for a broader ASIC-development capability spanning video and image-processing chips, edge-AI and specialized computing, high-bandwidth

memory and data movement, CXL and memory-expansion technologies, and chiplet and advanced-packaging designs. The company recently integrated a specialized team focused on Compute Express Link (CXL) memory-coherence and expansion technology.

Founded in 2019, Hashhub has evolved from its roots in specialized computing hardware into a fabless semiconductor company centred on video, imaging, memory-intensive computing and custom ASICs.

Building a Canadian base with global reach

The Toronto expansion is part of a strategy to establish a larger Canadian semiconductor engineering and commercialization hub — timely as governments across North America and Europe prioritize domestic chip design. Hashhub works with specialized engineering teams, IP providers, foundry-ecosystem participants and packaging partners internationally, and is putting in place the governance, export-compliance and technology-control processes required for advanced semiconductor work and cross-border collaboration.

About Hashhub

Hashhub is a Canadian fabless semiconductor and ASIC-development company focused on video processing, imaging, edge AI, advanced memory and high-performance computing. Founded in 2019 and headquartered in Toronto, Hashhub works to turn advanced semiconductor concepts into commercially viable products through its SmartVPU program and broader ASIC capabilities.

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