

Intel Ohio: The Silicon Heartland

Forging the future since 2022.



U.S. CHIPS and Science Act Funding

Intel plans to invest more than \$100 billion in the U.S. over five years to expand chipmaking capacity and capabilities in Arizona, New Mexico, Oregon and Ohio. In Ohio, Intel is investing more than \$28 billion to construct two new leading-edge chip factories in New Albany.

Intel will receive up to **\$8.5 billion** in direct funding from the U.S. Department of Commerce under the U.S. CHIPS

and Science Act for its U.S. projects. In Ohio, the proposed funding will support Intel's plans to:

- Construct two new, leading-edge fabs that will produce the most advanced semiconductor processors in the U.S.
- Provide capacity for Intel Foundry customers as demand for leading-edge U.S.-made chips increases.

Workforce Development

Intel is committed to helping address the projected labor gap in the semiconductor manufacturing sector and is partnering with educational institutions to build a semiconductor talent pipeline.

K-12:

- In partnership with Khan Academy, Intel is launching the [Khanmigo](#) AI tutor and teaching assistant, benefiting middle and high school students in select Ohio school districts with tailored math and science tutoring for students and AI assistance for teachers in lesson planning and assessments.
- Since August 2022, Intel has engaged more than 10,000 students across Ohio through its signature K-12 STEAM program, [Intel® Future Skills](#), a design-thinking, project-

based, experiential learning platform. Intel volunteers have facilitated in-person, hands-on engagements across the state, including three successful Future Skills Summer STEAM camps in Marietta, New Albany and Columbus, collectively reaching 430 pre-K to eighth grade students.

- The Intel Foundation and STEM Next Opportunity Fund launched a new initiative, [Moonshot Ohio](#), to double the number of Ohio youth engaged in STEAM learning by 2025.

Semiconductor Technician Certification Program: Intel is collaborating with 10 community colleges in Ohio to help build the local talent pipeline by launching the industry's first stackable, shareable and transferable one-year semiconductor technician certificate program, currently available at select Ohio community colleges.



Community Colleges and Universities

Intel has [pledged](#) \$100 million, with support from the National Science Foundation, toward partnerships with educational institutions to build a pipeline of talent and bolster research programs in Ohio and across the U.S.

\$17.7M has been allocated to Ohio to date, supporting eight projects led by Ohio institutions.

2,300+ scholarships provided.

9,000 students educated.

80+ collaborating higher education institutions.

Curriculum Development: Intel partners with local community colleges and universities to provide the training and resources necessary to provide STEM education to meet industry workforce needs. For example:

- **AI for Workforce Program:** The first-of-its-kind community college program provides more than 600 hours of artificial intelligence (AI) content, professional training for faculty and implementation guidance — all at no cost to participating schools.
- **Semiconductor Collaboration Network:** Intel is working with the Ohio Association of Community Colleges’

Semiconductor Collaboration Network to launch programs and career pathways that aim to meet the demands of the semiconductor sector, foster economic development and provide accessible education across the state.

- **Quantum at Ohio State:** Intel provides funding to The Ohio State University for curriculum focused on quantum computing skills and helps proliferate the use of the Intel Quantum Software Developer Kit (SDK), a full-stack SDK optimized for executing hybrid algorithms in the [Quantum Computing for Introduction course](#).



Intel’s Economic Future in Ohio

Intel’s Ohio investment will support **3,000 Intel jobs**, **7,000 construction jobs** and approximately **10,000 indirect jobs**.

Investments are expected to add

\$2.8B

to Ohio’s annual GDP.

350+

Existing Ohio companies in Intel’s supply chain.

Local investments are expected to attract **dozens of ecosystem partners and suppliers** needed to provide local support for Intel’s operations – from semiconductor equipment and materials suppliers to a range of service providers.



Investing in Our Community

Since 2022, Intel employees volunteered **several thousand hours at nonprofits, schools and after-school programs** across Ohio, fostering student confidence and creative problem-solving through hands-on activities, tutoring and mentoring, reaching more than **30,000 students**.

Intel also initiated a pilot program providing free meals and science education to children facing food insecurity and living in nature gaps.



Environmental Stewardship

Intel is committed to applying role model sustainability standards in its building of the Silicon Heartland as it works to minimize emissions, water use and waste generation. Intel has been a leader in sustainable semiconductor manufacturing for decades, and Ohio joins its sites around the world with ambitious [global sustainability commitments](#).

- Design and construct buildings following the **U.S. Green Building Council’s LEED** principles.
- Maintain **100% renewable electricity** use in U.S. operations, including Ohio.
- Remain net positive for water use in the U.S. Intel’s Ohio site will include a **state-of-the-art water reclamation facility** to enable the recycling and reuse of millions of gallons of water every day.

“Intel’s commitment to building semiconductor chips in Ohio is adding tens of thousands of new direct and indirect jobs right here in Ohio – the heart of the Silicon Heartland. Today’s announcement is proof that the CHIPS Act is paying dividends for Ohioans. Semiconductor chips are the building blocks that power today’s economy, and it is imperative that we produce chips on American soil in order to strengthen our national security and help fuel economic growth.”

Ohio Gov. Mike DeWine

“When we passed the CHIPS Act, we committed to Ohio’s manufacturing future, and we empowered Intel to make historic investments in our state and in our workers. Today’s announcement is a major step forward in our work to create thousands of good-paying jobs, strengthen our supply chains and bring manufacturing of this crucial technology back where it belongs: to Ohio. I’ll keep fighting to make sure this project reaches its full potential, to ensure Ohio leads the world in producing the technologies of the future.”

U.S. Sen. Sherrod Brown

“Today’s CHIPS announcement isn’t just great news for Intel. It’s a well-deserved victory for Ohio and Ohio workers. Our state is playing a central role in revitalizing the critical industries that were developed here in America but lost to decades of offshoring. I’m doing all I can in the Senate to ensure Ohio stays on the cutting edge of rebuilding American industry and retaking the lead in semiconductor innovation.”

U.S. Sen. J.D. Vance

“Two years ago, Intel unveiled their vision to make Ohio home to two of their brand-new, leading-edge chip factories. Their initial \$20 billion commitment is the single largest capital investment in Ohio’s history, laying the groundwork for thousands of construction and manufacturing jobs right here in Licking County. This could not have happened without the State of Ohio’s commitment to the project. The recently announced CHIPS and Science Act funding is the next critical step for strengthening U.S. manufacturing leadership, protecting our national security and boosting Ohio’s economic prosperity. The future is brighter for kids in Ohio today because of this investment.”

U.S. Rep. Troy Balderson