

Intel Arizona: The Silicon Desert

Intel's U.S. manufacturing powerhouse since 1979.



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 Arizona, Intel is investing more than \$32 billion to build two new leading-edge chip factories and modernize an existing fab at its Ocotillo campus in Chandler, Arizona, that will produce the world's most advanced logic chips.

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 Arizona, the proposed funding will support Intel's plans to:

- Construct Fab 52 and Fab 62 to meet the growing demand for leading-edge chips and provide committed capacity for Intel Foundry customers.

- Modernize existing Fab 42 to increase output capacity for chips on the Intel 18A leading-edge process technology to further increase U.S. supply chain resiliency.
- Produce chips that will serve a variety of U.S. industries, including automotive, medical device and aerospace.

Arizona is Intel's U.S. manufacturing powerhouse with four fabs in operation and two fabs under construction for a total of six fabs producing more advanced logic chips than any other site in the U.S.

Key technology Innovations in Arizona: embedded multi-die interconnect, Foveros, Foveros Omni and Foveros Direct technologies.

Workforce Development

Intel is committed to helping fill the projected labor gap in the semiconductor manufacturing sector and is partnering with educational institutions to build a semiconductor talent pipeline. For example, Intel's programs and partnerships in Arizona include:

National Science Foundation (NSF): Intel committed \$50 million toward a \$100 million partnership with NSF to expand semiconductor-related education across the country, including in Arizona.

K-12: Intel and YWCA Metropolitan Phoenix collaborated to engage the Equity in STEAM initiative, which aims to address the systemic barriers preventing women and underrepresented minorities from pursuing careers in STEAM fields.

Community Colleges: Innovative programs like the Maricopa Community Colleges' technician training Quick Start program and AI initiatives help to foster new career pathways for underrepresented groups.

Universities: Intel engages with the three major Arizona universities – Arizona State University, University of Arizona and Northern Arizona University – to support and align the needs of students and workforce development through university research programs, internship and scholarship opportunities and collaboration, and resources around curriculum development.



Intel's Economic Impact

Investing for More Than 40 Years

\$34.5B

Intel's capital investment in Arizona to date.

\$8.6B

Intel's annual GDP contribution to Arizona.

300+

Arizona-based Intel suppliers.

\$2.5B

Intel's spending with Arizona-based suppliers in 2022.

Intel Arizona employs **12,000 workers** and indirectly supports more than **58,000 jobs** in Arizona. Intel's Arizona investment will support **3,000 new Intel jobs**, **6,000 construction jobs** and **thousands of indirect jobs**.



Environmental Stewardship

Intel has a long-standing commitment to [corporate responsibility](#), setting ambitious goals and making strategic investments to drive improvements in environmental sustainability. **In Arizona, Intel has:**

21 water restoration projects achieving net positive water use.

Restored

1.7B

gallons of water restored in 2022.

Treated

14.5M+

gallons of water treated per day at Intel's 12-acre on-site water reclamation facility and the Ocotillo Brine Reduction Facility, a partnership with the City of Chandler.

Achieved

100%

renewable electricity since 2013.



Investing in Our Community

Intel employees work with community leaders to realize the power of collective action to make the community a more vibrant place for everyone.

932,000

hours volunteered by employees at Arizona schools and nonprofits since 2015.

\$59M

contributed by Intel, the Intel Foundation and employees to Arizona schools and nonprofits since 2015.

1,000+

Arizona teachers, schools and nonprofits supported by Intel and the Intel Foundation.

"Arizona has become a national leader in the semiconductor industry, in no small part due to Intel's presence for over four decades. With this critical CHIPS Act investment, I am excited that Intel is expanding its operation in Chandler, continuing to fuel our state's success. We are leading America's economic future because of our high-skilled workforce, dynamic economy, and innovative companies like Intel — an industry giant with its largest domestic manufacturing presence here in our state. Arizona is proud to have Intel as a partner as we continue working together to create jobs, protect our national security, and develop the cutting-edge advanced manufacturing economy."

Arizona Gov. Katie Hobbs

"I was proud to lead our bipartisan CHIPS and Science Act into law — directly fueling Intel's historic investment in Arizona and building lasting careers for Arizona families. This investment is proof of how smart, responsible, bipartisan legislation delivers meaningful impact for Arizona as we lead our country to the future."

U.S. Sen. Kyrsten Sinema

"This is huge news that will cement Arizona as a global hub for microchips and create a lot of great-paying jobs that don't require a four-year degree. From Intel and the administration to our state and local economic development leaders and the City of Chandler, everyone worked hard together to get this done. Bringing microchip manufacturing back to America was the goal of my historic CHIPS Act, and today's announcement is the biggest step we've taken toward making that a reality."

U.S. Sen. Mark Kelly

"I proudly championed the CHIPS and Science Act in the House because I knew no state in the country stood to benefit more than ours. Arizona has become a global hub for semiconductor manufacturing — anchored by Intel for more than 40 years. Today's historic award will mean even more investment and high-wage, high-tech jobs here in the East Valley."

U.S. Rep. Greg Stanton