

# DIRECTED ENERGY

Albuquerque is the hub for directed energy in the United States, with more assets that are considered essential to the industry than any other city.

## DEEP HISTORY IN MILITARY DEFENSE

Since the 1930s, New Mexico has been the site of groundbreaking scientific and military research. Scientists and research organizations come from all over the world to New Mexico, and specifically to Albuquerque.

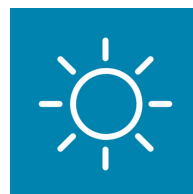
The U.S. military doubled its spending nationwide from FY17 to FY19 – the preponderance of those dollars invested in Albuquerque.

Albuquerque is poised to answer the U.S. military's demand for mass production of combat-ready directed energy hardware. Local companies are making significant investments to expand or upgrade their Albuquerque facilities in preparation for the anticipated surge/demand in directed energy manufacturing. Directed energy business opportunities are ripe in Albuquerque due to increased military funding and directed energy manufacturing demand.



Albuquerque was instrumental in development of one of the nation's most visible directed energy defense systems to date – the \$15 million THOR (Tactical High-power Microwave Operational Responder) system, unveiled at the Air Force Research Lab New Mexico in 2019. THOR was developed in collaboration of three companies with local presence: global BAE Systems, Leidos, and Verus Research.

## ASSETS



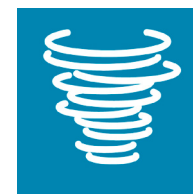
310 days of sun offering minimal weather delays



high altitude, dry air, minimal vegetation



low population density



no natural disasters



ideal for testing

## THE NUCLEUS FOR DIRECTED ENERGY

A trifecta of sustained federal government presence focused on directed energy R&D and nationally-renowned partnering opportunities and testing facilities.

Air Force Research Laboratory (DoD)  
Directed Energy Joint Transition Office  
Directed Energy Professional Society

University of New Mexico  
Sandia National Laboratory  
Los Alamos National Laboratory  
White Sands Missile Range

Home to a robust private sector ecosystem.

SAIC  
Ball Aerospace & Technologies  
BAE Systems  
AEGIS  
Lockheed Martin

Booz Allen Hamilton  
Verus Research  
General Atomics  
Leidos  
Applied Technology Associates

# ALBUQUERQUE

The City of Albuquerque recognizes that COVID-19 is transforming the way people and companies do business. As we all work to balance health, safety, and stability with productivity and efficiency, place of operations has become more critical than ever. Locations that are resilient, low-risk, and healthy are essential for businesses to be successful in this uncertain and ever-changing environment. The City of Albuquerque is committed to providing existing and new businesses with the information and support necessary to thrive.

## WHY ALBUQUERQUE

Albuquerque is New Mexico's urban center and offers the complete economic development package amid one of the most diverse and creative populations in the country. Albuquerque is a modern, mid-sized city that can provide a blend of contemporary urban amenities and rugged outdoor activities in a climate that's enjoyable year-round making it easy to live a balanced life.

Companies seeking to expand or move to an affordable, resilient, and business-friendly location will find a natural fit in Albuquerque. A city with 310 days of sun per year, access to the outdoors, minimal traffic, housing that is affordable, and a collaborative business community, Albuquerque offers a high return on investment and an environment that supports work-life balance.

An average 23 minute one-way commute, less traffic means people get to work on time and spend more hours with family than on the road. Offering quality, sizeable, and affordable housing, the median home price is \$230,000, and the monthly cost of living averages \$1,500 per month. The Albuquerque International Sunport is a 20-minute drive from anywhere in the city and offers direct flights to 20 major metros. No hurricanes, tornadoes, earthquakes, or other natural disasters to disrupt life or business, and low humidity allows for optimal climate control for any products.

With a minority-majority metro area population of 915,000 and a density of 3,000 people per square mile, Albuquerque's open space and creative culture facilitates innovation and inclusion.

We challenge you to find a more competitive, livable city than Albuquerque.

## ASSETS



### AN EXCELLENT QUALITY OF LIFE

Nestled in the high desert at the base of the Sandia Mountains along the Rio Grande Valley with the Petroglyph National Monument to the west, lies Albuquerque. Albuquerque provides residents a refreshing blend of scenic beauty and small-town charm with all the amenities of a big city.



### A MULTI-CULTURAL METROPOLIS

Albuquerque is a place built on its unique multi-cultural heritage. From dozens of boldly painted downtown murals, to museums, and hidden art galleries, the local creative scene visibly saturates the city. Major cultural events like the International Balloon Fiesta have made Albuquerque a destination.



### INVESTED IN BUSINESS

Albuquerque offers a supportive business environment that encourages and facilitates partnerships, innovation, and growth, as well as a natural environment that provides certainty of operations year-round. The combination makes our city a premier location for expansions and relocations.



### AN INTELLECTUAL POWERHOUSE

Albuquerque offers a flagship research university, just minutes from downtown, with nationally recognized law, engineering, and medical schools. Albuquerque also offers a community college that often partners with local business and industries to develop programs and curriculum specific to the needs of employers.



### A WORKFORCE WITH A GOOD WORK ETHIC

Albuquerque offers a young, diverse, affordable, and educated workforce, that is loyal, hard-working, and has a sense of pride. Albuquerque ranks among the top metros in the nation for the percentage of workers with a college degree.

