

### What is Sol Power?

Rooted in the unlikely union of the ASU Herberger Institute for Design and the Arts and the Valley of the Sun's Hip Hop culture, including DJs, emcees, graffiti artists and dancers, Sol Power is an empowering opportunity to celebrate the culture and creative intelligence within communities of color.

### What does Sol mean for ASU?

Sol will allow ASU to expand its suite of large-scale computing services to further advance research and learning across the university and the region. "This represents an unprecedented investment in ASU's research computing ecosystem," said Sally C. Morton, executive vice president of the ASU Knowledge Enterprise.

### What does Sol mean for a gaming PC?

Sol will bring 18,000 state-of-the-art CPU cores to the table, not only increasing processing and computing power, but also expanding access to these resources. Sol will also add more graphical processing units, or GPUs, to Research Computing's overall infrastructure. These aren't the GPUs that deliver pristine graphics in a gaming PC, however.

### How do researchers access Sol?

Researchers can request access to Sol via Research Computing. "Sol adds capacity, power and speed to our supercomputing infrastructure by an order of magnitude," said Neal Woodbury, vice president and chief science and technology officer at Knowledge Enterprise.

### Who funded Sol?

An initiative of Knowledge Enterprise's Research Computing facility, Sol was funded through the Office of the President and the University Technology Office's Information Technology Bond and co-designed by Dell Technologies.

### Will Sol lighten the load on Agave?

Sol will lighten the load on Agave, which completed a record-breaking 9 million CPU-hours of computing in April 2022. Sol's additional capacity will double that number to 18 million CPU-hours of computing when fully operational. That means each month Sol will complete the equivalent of 2,000 years' worth of computation on a conventional computer.

Moment Taker ? Sol Power 2024 part 2/3 @sol\_power\_az\_ #dance #dancebattle #hiphop #photography #photographer #dancephotography #arizona #asu #sony #sonya6400 +13. ...

On October 28 through 30, Arizona's hip-hop communities will link up at ASU's Tempe campus with the university's School of Music, Dance and Theatre program for Sol Power. Sol Power is a free ...

age Auditorium Please join us for this year's Sol Power Festival, celebrating the Phoenix-area Hip Hop

community. Events start at ASU Galvin Plaza at 2 p.m. Hosted by ...

The power of Sol "Sol adds capacity, power and speed to our supercomputing infrastructure by an order of magnitude," said Neal Woodbury, vice president and chief science and technology ...

Sol Power is an empowering opportunity to celebrate the culture and creative intelligence within communities of color. This event is free and open to the public. Contact Professor Jorge "House" Magana if you have questions ...

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Unlock the Power of Language with ASU Research Computing! Dive into the fascinating world of Large Language Models (LLMs) - the backbone of generative artificial ...

Please join us for this year's Sol Power Festival, celebrating the Phoenix-area Hip Hop community. Hosted by ASU's School of Music, Dance and Theatre, this free community ...

Sol Power 2021 Wednesday, Nov. 17 Labriola Pre-Jam 11 a.m. to 2 p.m. Hayden Library West Patio In partnership with ASU's Herberger Institute for Design and the Arts and ...

The 2023-24 dance season at Arizona State University engages with the community at a variety of locations, from the steps of the ASU Art Museum to the ASU Media and Immersive eXperience ... In the fall, the Sol ...

ASU has multiple collaborative projects with utilities in which the utilities have constructed and operates solar energy generating facilities within their service areas, and ASU ...

Dance event in Tempe, AZ by ASU School of Music, Dance and Theatre on Saturday, October 29 2022. Dance event in Tempe, AZ by ASU School of Music, Dance and Theatre on Saturday, ...

Arizona State University's supercomputing capability is about to jump light-years ahead with the addition of its new Sol supercomputer. Sol will allow ASU to expand its suite of large-scale computing services to further ...

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The annual Sol Power hip-hop festival at Arizona State University will feature three jam-packed days of events -- including guest artists, workshops and competitions -- to celebrate the ...

Arizona State University has a comprehensive solar program responsible for over 53 MW dc equivalent solar

generating capacity development from both on-site and off-site ...

ASU's Sol supercomputer is one of the top-ranked supercomputers in the world, comprising over 21,000 CPUs and over 290 NVIDIA A100 GPUs ; Numerous AI applications are installed on Sol and freely available for faculty use. These ...

Boxes are painted to show "Sol Power" during a Sol Power dance event outside Nelson Fine Arts Center on Saturday, Nov. 2, 2024, in Tempe. By Kasturi Tale | November 4, 2024 | 8:58pm MST. The Sol Power Hip Hop ...

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