




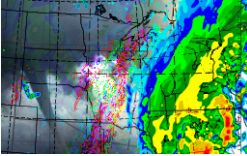









HIGH PERFORMANCE COMPUTING CENTER DISTRICTS

<i>Title of Project</i>	<i>Location</i>	<i>Size</i>	<i>Industries</i>	<i>University Affiliation</i>	<i>Affiliations</i>	<i>Siting</i>	<i>Website</i>
Advanced Biomedical Computing Center 	Frederick, MD	N/A	Cancer, medical research	N/A	National Cancer Institute, National Institute of Health	US Military Base- Fort Detrick	http://www.abcc.ncifcrf.gov/
Carolina North 	Chapel Hill, NC	2,475,000 GSF 250 Acres	Biopharma, R+D, Nanotech &Advanced Materials, Biomedical Eng & Med Devices, Imaging, IT and High Performance computing	UNC Chapel Hill	N/A	Suburban Greenfield, New UNC satellite campus, Preserved OS-optimal solar gain	http://carolinanorth.unc.edu/ Plan: http://research.unc.edu/cn/CNPlan_2007.pdf
The Maui High Performance Computing Center 	Maui, HI	450 Acres- The whole park	Maui Research & Technology Park	University of Hawaii	US Air Force, Department of Defense	Maui Research & Technology Park	http://www.mhpcc.hpc.mil/about.html http://www.hightechmaui.com/about/about.cfm

<p>The Ohio Supercomputer Center</p> 	Columbus, OH	N/A	Bioscience, advanced materials, data exploitation, provides internet to Ohio universities and citizens	Ohio State University	American Distance Education Consortium, Blue Waters, Internet 2.	Urban building, abuts OSU campus	http://www.osc.edu/
<p>Piedmont Triad Research Park</p> 	Winston-Salem, NC	10 acres (current) 230 acres (planned) 342000 sq feet of office/lab	Regenerative Medicine, Medical Devices, Nanomedicine, biomedical engineering, neuroscience	Wake Forest, Winston Salem State University	N/A	Downtown Research park district, building reuse	Ptrp.com
<p>Pittsburgh Supercomputing Center</p> 	Pittsburgh, PA	N/A	Biomedical supercomputing, clean coal, networking, high performance computing.	Carnegie Mellon U., U. of Pittsburgh	Teragrid's Grid Infrastructure Group (GIG), National Institutes of Health, National Energy Technology Labs.	On Carnegie Mellon Campus (urban)	http://www.psc.edu/
<p>Research Triangle Park</p> 	Raleigh-Durham, NC	7,000 ac 42,000 workers 170 companies	Environmental Sciences, Finance + Insurance, IT, Life sciences, material sciences and engineering, scientific associations, foundations, and institutes	North Carolina Institutions	EPA	Greenfield, Research Applications District	www.rtp.org/

<p>Rocky Mountain Supercomputing Centers</p> 	Butte, MT	N/A	Business incubator (Small to med sized)	N/A	N/A	single urban building	http://www.rmsscinc.org/index.html
<p>San Diego Supercomputer Center</p> 	San Diego, CA	160,000 square-feet, 18,000 machine room space	high performance computing, grid computing, computational biology, geoinformatics, earthquake simulation, computational physics, computational chemistry, data management, scientific visualization	UC San Diego	Protein Data Bank, cyber infrastructure for the geosciences, Tree of Life Project, Cooperative Association for Internet Analysis.	UC San Diego-urban campus. LEED building, other high efficiency green building standards.	http://www.sdsc.edu/
<p>Harrison Downtown Technology Zone (Hosts Blue Ridge Data Center)</p> 	Harrisburg , VA	About 40 buildings Roughly 5 city blocks	Defense and homeland security, disaster recovery, Information Technology. Rosetta Stone HQ Blue Ridge Data Center	James Madison University	Department of Defense	Urban CBD Strategic location:50 miles outside D.C. nuclear buffer Zone uses incentives	http://www.hdtz.org/index.html

<p>Rensselaer Tech Park</p> 	Albany, NY	1250 acres 2,200 emp. 50 tenant 23 bldgs	<p>No focus on spec industry. Electronics, physics research, biotech, software, digital broadcasting</p> <p>MetLife 21,200 sq ft. computing center, MapInfo Corp</p>	Rensselaer Polytech. Institute (owner and developer)	N/A	Along Hudson /Mohawk rivers, 5 miles from RPI campus	http://www.rpi.edu/dept/rtp/general.html#Park%20Statistics
<p>New Mexico High Performance Computing Center</p> 	Rio Rancho, NM	N/A	Energy, enviro& water, biomed, bio tech & health, digital film media	U of NM, NM Tech, NM State U.	New Mexico Office of Science & Tech	On Intel Campus, rural	http://www.newmexicosupercomputer.com
<p>Fitchburg Technology Neighborhood</p> 	Fitchburg, WI (near Madison)	N/A	Biotech, info tech, medical instrument, ag tech	N/A, but U Wisconsin, Madison is 10 minutes away	Capital Ideas Technology Zone (State Program)	Small city. 3 elements: Town Center, Green Tech Village, Tech Campus (mixed-uses) 10 min Madison CBD	http://www.city.fitchburg.wi.us/economic_development/technology_neighborhood.php