geoCUBE
Computers for 3D Scanning

geoCUBE systems are custom designed to meet the demanding needs of users who are utilizing modern scanning systems. Systems that produce scan sets with millions of points. Loaded with RAM, disk space, and memory, these computers can reduce tasks from hours down to minutes. As a user of scanning technology ourselves, PADT is able to custom design these specialized appliances to meet the demanding and unique needs of working with point cloud data.

We offer four systems to fit your budget and computational needs - a basic system perfect for the lab or the field designed to run your scanner and store your data, two mid range systems that are ideal for most users, and a power solution for those with large datasets who can benefit from significantly shorter processing times.

Each model comes with everything you need to drive your scanner, manipulate your data, and create 3D models of your scanned geometry. We have used our experience providing scanning services to tune the systems to work with Geomagic Software and leading CAD packages.

	geoCUBE 14a	geoCUBE 14b	geoCUBE 14c	geoCUBE 14d
Role	Scanner Driver and simple data manipulation	Scanner driver and small to medium data manipulation	Complete solution for scanner operation and data manipulation	Power solution for scanner operation, manipulation of large data sets, high-end CAD
CPU	Intel Core i3-4350T 2 Cores, 3.1 GHz	INTEL Core i7-4790 4 Cores, 4GHz	INTEL XEON e5-1650 V2 6 Cores, 3.5GHz	INTEL XEON e3-1275 v3 6 Cores, 3.5 GHz
Graphics Card	Intel Processor Graphics	Nvidia K4000	AMD FirePro w7000	Nvidia K6000
RAM	16GB DDR3-1600 Non-ECC	32GB Non-ECC, HyperDIMM	64GB DDR3 1600 ECC	64 GB DD3 1866 ECC
Solid State Disk Space	128 GB	240 GB	-	912 GB
Hard Disk Space	-	-	2.6 TB	-
Case (w x d x h)	Mini ITX 7.68" x 7.68" x 2.68"	Mid-Tower 7.6" x 16.7" x 20.68"	Mid-Tower 7.6" x 16.7" x 20.68""	Corsair Carbide 13.1" x 18" x 16.3"
Other	-	3D Mouse	3D Mouse	3D SpacePilot, BluRay

All systems include: Windows 7 Professional, 24" LED Monitor, Keyboard, Mouse, 2x GIGE Ethernet Ports, Cabling, Bundled Software Pre-loaded, 1 Year Parts Warranty

To learn more about which system is best for you, and about the rest of our scanning tools, visit
www.padtinc.com/scan or call 480.813.4884

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