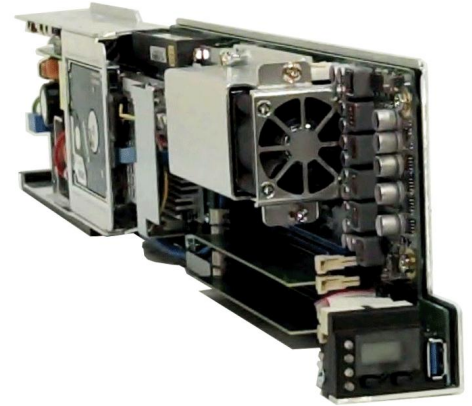


## Model R3082D Blade PC Workstation

Blade PC Centralized Computing Solution with  
Intel® 3<sup>rd</sup> Generation i7Quad-Core Power



ClearCube® R3082D Blade PCs deliver the highest datacenter-to-desktop remote performance available in blade computers. R3082D Blade PCs provide IT organizations with the ability to address the needs of VMware View power users in VDI environments by utilizing the robust features of 3rd generation Intel Core™ i7 and i5 series processors, Intel Q77 Express chipsets (Ivy Bridge), DDR3-1600 memory, PCI Express® graphics, and on-board dual Ethernet connections.



Blade PCs also provide 1:1 dedicated high performance for Centralized Desktop Infrastructure (CDI) users for fat client use cases (legacy apps, in-house developed apps, mission-critical apps), not possible to satisfy with virtual desktops.

Offering the industry's highest rack density of 8 Blade PCs in 3U of rack space, ClearCube employs advanced thermal designs and cooling methods to deliver the latest Intel desktop processors for power users. Blade-cooling fans and high-volume chassis fans provide ample cooling. ClearCube architecture centralizes the processors so that users get full Quad-Core performance without the annoying heat or fan noise that PCs at desktops create.

### Full PC Experience-over-IP

Working with the ClearCube's Cloud Desktop fiber and copper zero clients, R3082D Blade PCs shatter the distance barrier by supporting up to three displays with simultaneous full screen, full motion video, and full USB redirection over the network using the PCoIP protocol.

### Perfect Complement to VDI Environments

R3082D provides IT organizations with the ability to address the needs of power users in VDI environments by seamlessly integrating into VMware virtual desktop environments. VMware View and ClearCube's Sentral management software broker connections between ClearCube PCoIP™ zero clients and R3082D blades, while Sentral also enables direct connect brokering between R3082Ds and zero clients. By centralizing the power users' workstations, IT organizations achieve VDI-like benefits with high availability, ease of management and power efficiencies in a dense data center friendly solution.

Dedicated 1:1 performance

Triple display support

Integrated PCoIP host  
compression adapter

8 Blade PCs in 3U



## Powerful Performance, Simple and Secure

R3082D blades provide full desktop performance while increasing security and manageability of assets and data. When integrated with ClearCube Sentral™ management software, the solution gives IT administrators easy and total control of their entire deployment of centralized infrastructure – from Blade PCs to virtual desktops, locally or remotely, and provides server-level availability (99.9% uptime) for mission-critical end user computing.



## Specifications

R3082D Blade PC Specifications	
<b>General</b>	Intel Q77 chipset Dual Ethernet ports (Primary 10/100/1000 Mbps, Secondary 10/100/1000 Mbps) Local USB 3.0 port on blade front panel (USB 2.0 port on R4300 chassis also accessible)
<b>Processors</b>	3 <sup>rd</sup> Generation Intel Core i3 processor, Core i5 processor, Core i7 processor
<b>RAM</b>	DDR3 1600/1333, non-registered, non-ECC memory, 4GB/8GB; with support up to 32 GB
<b>Hard Disk</b>	SSD, Hybrid, SED and SATA HDD Options
<b>OS</b>	Microsoft Windows 7 Pro, Linux Ready
<b>Graphics</b>	Dual monitor with v5320 remote graphics card w/ nVidia GT430 + 1 GB VRAM
<b>Power Supply</b>	205 W
<b>Dimensions</b>	4.7" H x 23.5" D x 1.9" W (11.9 cm x 59.7 cm x 4.8 cm) Eight blades fit in single 3U chassis (standard 19" rack width)
<b>Weight</b>	4 to 5 pounds, depending on configuration (1.8 to 2.3 kilograms)
<b>Environment</b>	Stationary office installation, 0° to 35° C

## Ordering Information

Use the following part numbers to order your R3082D Blade PC.

### R3082D Blade PC Workstation

Base	GR3082D	Model R3082 Blade			
	G0900214	Model R3082 Base Blade			
Options					
<b>Video Card</b>	G0800126	V5320 Digital Dual Video Host (R3080)	<b>Memory</b>	G9200032-2000	2GB 1600MHz DDR3 Non-ECC
				G923080-2000	2GB Non ECC DDR3-1333 SDRAM
<b>Processor</b>	G9200030	3.1GHz Pentium G2120 DC 3M	G9200032-4000	4GB 1600MHz DDR3 Non-ECC	
	G9200029	3.3GHz DC i3-3220 3M (A6106)	G923080-4000	4GB Non ECC DDR3-1333 SDRAM R3080D	
	G9200031	3.5GHz DC XEON 4M E3-1275V2	G923080-2600	8GB 1333MHz DDR3 Non-ECC	
	G9200028	3.7GHz QC i5-3550S 6M	G9200032-8000	8GB 1600MHz DDR3 Non-ECC	
	G9200027	3.9GHz QC i7-3770 8M			
<b>Hard Drive</b>	G9100020-120	120 GB 2.5" SSD MLC HDD	<b>OS</b>	G053XXXX	Customer Image
	G9100020-180	180 GB 2.5" SSD MLC HDD		NO OS	NO OS - Linux Ready
	G913080-320	320GB 2.5in SATA 7K2 RPM HDD (R Series)		G0530103	Windows 7 32bit Pro English (R3082)
	G9100022-320	320GB Seagate SED HDD		G0530101	Windows 7 64bit Pro English (R3082)
	G9100022-500	500 GB Seagate SED HDD			
	G9100021-500	500GB Seagate XT Hybrid HDD			
	G9100020-060	60GB 2.5" SSD MLC HDD			
	G9100021-750	750GB Seagate XT Hybrid HDD			
	G913080-080	80GB 2.5in SSD MLC HDD			