

DDR3 Blade Memory Modules

Virtium Blade Memory Modules are designed to satisfy the demanding memory applications for the Embedded, Telecom, Defense, Storage, and Ruggedized Computer marketplace. The VLP (Very Low Profile: 0.72" high) and ULP (Ultra Low Profile: 0.70" high) form-factors are well suited for space constrained next-generation systems with height restrictions and low airflow requirements such as:



Advanced TCA[®] μTCA[™] Advanced MC[™]

- Telecom and Network Blade Applications
- Storage Servers and Appliances
- Embedded Single Board Computers (SBC)



Benefits and Features of DDR3 Blade Memory

- High Performance up to DDR3-1066Mb/sec/pin at lower power than DDR2
- Memory densities available up to 2GB (future expansion to 4GB)
- Available in Very Low Profile (VLP) 0.72" tall or (ULP) 0.70" tall height
- ECC support for embedded chipsets using x8 DRAM
- Suitable for high-reliability and rugged systems
- JEDEC standard pin-out (ECC SODIMMs pending JEDEC approval)
- Thermal Heat-spreader (optional)
- Field upgrade capable

ORDER INFORMATION

Description	Height	Part Number
2GB ULP RDIMM 256Mx72 PC3-8500 @ CL7	0.70"	VL33B5663F-F8
2GB ULP RDIMM 256Mx72 PC3-6400 @ CL6	0.70"	VL33B5663F-E7
2GB VLP RDIMM 256Mx72 PC3-8500 @ CL7	0.72"	VL33B5663E-F8
2GB VLP RDIMM 256Mx72 PC3-6400 @ CL6	0.72"	VL33B5663E-E7
2GB ULP ECC UDIMM 256Mx72 PC3-8500 @ CL7	0.70"	VL31B5663F-F8
2GB ULP ECC UDIMM 256Mx72 PC3-6400 @ CL6	0.70"	VL31B5663F-E7
2GB VLP ECC UDIMM 256Mx72 PC3-8500 @ CL7	0.72"	VL31B5663E-F8
2GB VLP ECC UDIMM 256Mx72 PC3-6400 @ CL6	0.72"	VL31B5663E-E7
2GB VLP Mini-RDIMM 256Mx72 PC3-8500 @ CL7	0.72"	VL53B5669E-F8
2GB VLP Mini-RDIMM 256Mx72 PC3-6400 @ CL6	0.72"	VL53B5669E-E7
2GB VLP ECC SO-RDIMM 256Mx72 PC3-8500 @ CL7	0.72"	VL43B5663E-F8
2GB VLP ECC SO-RDIMM 256Mx72 PC3-6400 @ CL6	0.72"	VL43B5663E-E7
2GB VLP ECC SO-CDIMM 256Mx72 PC3-8500 @ CL7	0.72"	VL41B5663E-F8
2GB VLP ECC SO-CDIMM 256Mx72 PC3-6400 @ CL6	0.72"	VL41B5663E-E7



Virtium is the only manufacturer going the *extra mile* to offer special services that save its customers time, money and deliver a worry-free experience.