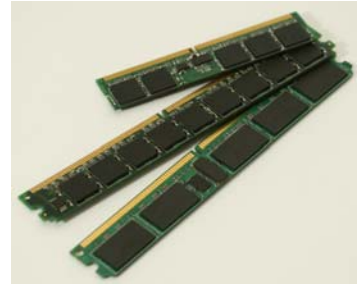




## DDR3 0.72" VLP Unbuffered DIMM Blade Memory Modules

Virtium features industry first DDR3 0.72-inch VLP (Very Low Profile) Unbuffered DIMM module for space constrained applications with height restrictions and low airflow requirements. Mechanical requirement for VLP is typically specified in Blade Server applications. Virtium memory modules are designed for OEMs in embedded computing, AdvancedTCA (ATCA), MicroTCA (MTCA), and many other applications that require blade server form factor.

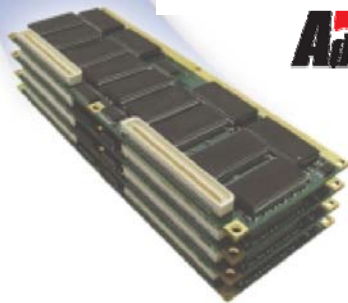


- **Telecom and Network Blade Applications**
- **Storage Servers and Appliances**
- **Embedded Single Board Computers (SBC)**



### DDR3 Specifications

- PC3-10600
- 1.5 Volt – Low power consumption
- Available in Very Low Profile (VLP) 0.72" height unbuffered DIMM and ECC
- Memory densities available up to 2GB (future expansion to 4GB)
- ECC support for embedded chipsets using x8 DRAM
- FBGA & 68nm technology
- Halogen Free available
- Standard Temperature: 0° to +85° C; Industrial Temperature: -40° to + 95° C.
- Thermal Heat-spreader (optional)
- Field upgrade capable
- Suitable for high-reliability and rugged systems



### **ORDER INFORMATION**

<u>Description</u>	<u>Height</u>	<u>Part Number</u>
2GB VLP UDIMM Non-ECC 256Mx64 PC3-10600	0.72"	VL37B5663E-H9
2GB VLP UDIMM ECC 256Mx72 PC3-10600	0.72"	VL31B5663E-H9
2GB VLP RDIMM 256Mx72 PC3-10600	0.72"	VL33B5663E-H9
2GB SO-RDIMM ECC 256Mx72 PC3-10600	1.18"	VL43B5663A-H9
2GB SO-UDIMM ECC 256Mx72 PC3-10600	1.18"	VL41B5663A-H9

\*ECC SODIMMs JEDEC final approval pending for pin-out

**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.**