

## Speed Series DDR3

### Dual Channel Kits



Our Speed series is designed by hardware enthusiasts to reach top clock speeds with P55 based Core i5 or Core i7 systems. These modules are hand tested in the latest Core i7 motherboards in dual channel configuration to guarantee phenomenal speed. Each Speed series module is equipped with our advanced PX heatsink that is designed by our thermal engineers to wick away heat from the components more efficiently than traditional heatsinks, resulting in higher clock speeds. The Speed series is built expressly for extreme overclockers and gaming enthusiasts.

### Ordering Information

WS213UX4G8	4GB DDR3-2133 CL8 Dual Channel Kit
WS213UX4G9	4GB DDR3-2133 CL9 Dual Channel Kit
WS220UX4G8	4GB DDR3-2200 CL8 Dual Channel Kit
WS220UX4G9	4GB DDR3-2200 CL9 Dual Channel Kit
WS240UX4G9	4GB DDR3-2400 CL9 Dual Channel Kit

### Module Features

Chip Architecture	16 pcs 128Mx8 chip per DIMM
Ranks	Dual Rank
Module Architecture	256M x 64
Type	Non-ECC Unbuffered
Package	240-pin DDR3 DIMM
Heatsink	Hyper-efficient PX heatsink
Default latency in SPD	9-9-9-28
Warranty	Super Talent Lifetime Warranty

### Test Specs

CPU	Core i7
Modules Installed	2 DIMMs only*
Vdimm	1.65V
Motherboard	Gigabyte P55A-UD6 or Asus P7P55D Deluxe

	Clock Speed	DDR Speed	Data Rate
WS200	1000MHz	DDR3-2000	PC3-1600
WS213	1066MHz	DDR3-2133	PC3-17000
WS220	1100MHz	DDR3-2200	PC3-17600
WS240	1200MHz	DDR3-2400	PC3-19200

### Test Latencies

Part Number	CAS - tRCD - tRP - tRAS
WS213UX4G8	8-8-8-24
WS213UX4G9	9-9-9-28
WS220UX4G8	8-8-8-24
WS220UX4G9	9-9-9-28
WS240UX4G9	9-11-11-28

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