



msi

MOTHERBOARD
X99A RAIDER



SPECIFICATIONS

| | |
|----------------------------------|---|
| Socket | 2011-3 |
| CPU (Max Support) | i7 |
| Baseclock/Hyper Transport | 100 / 125 / 167MHz |
| Chipset | Intel® X99 Express |
| DDR4 Memory | DDR4 2133/2200*/2400*/2600*/2666*/2750*/3000*/3110*/3333*(*OC)MHz |
| Memory Channel | Quad |
| DIMM Slots | 8 |
| Max Memory (GB) | 128 |
| PCI-Ex16 | 3 |
| PCI-E Gen | Gen3 |
| PCI-Ex1 | 2 |
| SATA Express | 1 |
| SATAIII | 10(2 x ports reserved for SATA Express port) |
| M.2 Slot | 1 |
| RAID | 0/1/5/10(SATA1~6 only) |
| TPM (header) | 1 |
| LAN | 10/100/1000*1 |
| USB 3.1 ports (Rear) | 2 |
| USB 3.0 ports (Front) | 2 |
| USB 3.0 ports (Rear) | 4 |
| USB 2.0 ports (Front) | 2 |
| USB 2.0 ports (Rear) | 4 |
| Audio ports (Rear) | 5 + Optical S/PDIF OUT |
| Form Factor | ATX |
| SLI | Y |
| 3-way SLI | Y |
| CrossFire | Y |

FEATURES

1. Supports DDR4 UDIMM ECC / RDIMM Memory Modules
2. USB 3.1: Delivering speeds up to 10Gb/s, USB 3.1 offers performance twice as fast as a regular USB 3.0 connection.
3. Turbo M.2: delivering next generation M.2 Gen3 x4 performance with transfer speeds up to 32 Gb/s
4. SATA Express + USB 3.1 + SATA 6Gb/s
5. Multi-GPU: NVIDIA Quad SLI & AMD Quad CrossFire Support
6. OC Engine: For More Flexible BCLK Adjustments
7. Intel® Gigabit LAN: Always connected with Intel® Gigabit LAN networking
8. Guard-Pro: Improved Protection and Power Efficiency

REAR CONNECTORS

