

| Feature | VIA KT880 | VIA KT600 | VIA KT400A | VIA KM400A |
|-------------------------|---|---|---|---|
| North Bridge | | | | |
| Processor Support | AMD Athlon™ XP processors | AMD Athlon™ XP processors | AMD Athlon™ XP processors | AMD Athlon™ XP processors |
| Front Side Bus | 400/333/266MHz | 400/333/266MHz | 333/266/200MHz | 400/333/266MHz |
| Bus Architecture | Synchronous | Synchronous | Synchronous | Synchronous |
| Memory Support | DualStream64™ - Dual Channel DDR400/333/266 SDRAM w/ECC | FastStream64™ - Single Channel DDR400/333/266 SDRAM w/ECC | FastStream64™ - Single Channel DDR400/333/266 SDRAM w/ECC | FastStream64™ - Single Channel DDR400/333/266 SDRAM w/ECC |
| Max. Memory | 8GB | 4GB | 4GB | 6GB |
| External Graphics | AGP 8X/4X | AGP 8X/4X | AGP 8X/4X | AGP 8X/4X |
| Internal Graphics | N/A | N/A | N/A | S3 Graphics UniChrome™ IGP |
| Video/Display | N/A | N/A | N/A | MPEG2 hardware acceleration |
| South Bridge | VIA VT8237 | VIA VT8237 | VIA VT8237 | VIA VT8237 |
| North/South Bridge Link | 8X V-Link (533MB/sec) | 8X V-Link (533MB/sec) | 8X V-Link (533MB/sec) | 8X V-Link (533MB/sec) |
| Audio | VIA Vinyl™ 6-channel Audio (AC'97 integrated) VIA Vinyl™ Gold 8-channel Audio (PCI companion controller) | VIA Vinyl™ 6-channel Audio (AC'97 integrated) VIA Vinyl™ Gold 8-channel Audio (PCI companion controller) | VIA Vinyl™ 6-channel Audio (AC'97 integrated) VIA Vinyl™ Gold 8-channel Audio (PCI companion controller) | VIA Vinyl™ 6-channel Audio (AC'97 integrated) VIA Vinyl™ Gold 8-channel Audio (PCI companion controller) |
| Networking | VIA Velocity Gigabit Ethernet (PCI companion controller) VIA integrated 10/100 Fast Ethernet | VIA Velocity Gigabit Ethernet (PCI companion controller) VIA integrated 10/100 Fast Ethernet | VIA Velocity Gigabit Ethernet (PCI companion controller) VIA integrated 10/100 Fast Ethernet | VIA Velocity Gigabit Ethernet (PCI companion controller) VIA integrated 10/100 Fast Ethernet |
| Serial ATA | 2 x SATA 150 devices SATALite™ interface for 2 additional SATA devices (4 | 2 x SATA 150 devices SATALite™ interface for 2 additional SATA devices (4 | 2 x SATA 150 devices SATALite™ interface for 2 additional SATA devices (4 | 2 x SATA 150 devices SATALite™ interface for 2 additional SATA devices (4 |

| | | | | |
|-------------------|---|---|---|---|
| | total) | total) | total) | total) |
| V-RAID | RAID 0, RAID 1, and RAID 0+1* & JBOD (SATA) | RAID 0, RAID 1, and RAID 0+1* & JBOD (SATA) | RAID 0, RAID 1, and RAID 0+1* & JBOD (SATA) | RAID 0, RAID 1, and RAID 0+1* & JBOD (SATA) |
| IDE | ATA133 (up to 4 devices) | ATA133 (up to 4 devices) | ATA133 (up to 4 devices) | ATA133 (up to 4 devices) |
| USB 2.0 | 8 ports | 8 ports | 8 ports | 8 ports |
| PCI Devices/Slots | 6 slots | 6 slots | 6 slots | 6 slots |
| Modem | MC'97 | MC'97 | MC'97 | MC'97 |
| I/O Protocols | I/O APIC / LPC Super I/O | I/O APIC / LPC Super I/O | I/O APIC / LPC Super I/O | I/O APIC / LPC Super I/O |
| Power Management | ACPI/APM/PCI/PM | ACPI/APM/PCI/PM | ACPI/APM/PCI/PM | ACPI/APM/PCI/PM |