

**PROMISE
TECHNOLOGY, INC.**

**Promise IS
Performance.**

PCI Card for Ultra ATA/66 Drives

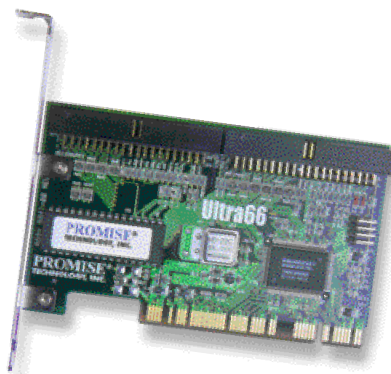
Ultra66™

Promise brings you the first IDE controller card and cable combination to fully support Ultra ATA/66 drives with their 66MB/sec burst data transfers, CRC error-checking, improved sequential transfers, and better signal integrity.

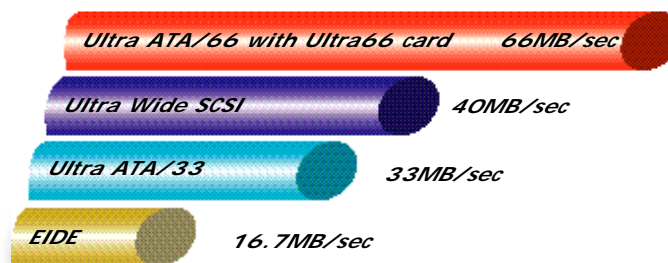
The Only Way to Do 66

If you want 66MB/sec speed from a new Ultra ATA/66 drive now, only Promise Ultra66 and its bundled 80-pin/40-wire IDE cable gives it to you. Otherwise you're stuck with Ultra ATA/33 specs while waiting several more months for motherboard manufacturers just to catch up. Our Ultra66 card instantly recognizes and supports up to four of these new lightning-fast Ultra ATA/66 drives or any combination of UDMA/66, UDMA/33, EIDE, or ATAPI devices.*

Bottom line: If you're building a new system today (or upgrading one) with Ultra ATA/66 drives, you've got to use our Ultra66 for that system to be fully Ultra ATA/66-compatible.



2x-3x Faster Than Other IDE Drives



Ultra ATA/66 drive with Promise Ultra66 card outpaces Ultra Wide SCSI by 65%!

**World's first controller/cable solution
for complete Ultra ATA/66 support**

**Supports 66MB/sec burst data
transfer rates of Ultra ATA/66 drives**

**Includes FREE 80-wire/40-pin IDE cable
required for Ultra ATA/66 operation**

**Runs Ultra ATA/66, Ultra ATA/33,
& EIDE drives at highest speeds**

**Co-exists with onboard IDE ports and frees
them for more IDE devices**

Ultra66 Gives Drives Integrity

Not only does Ultra66 allow Ultra ATA/66 drives to run at 66MB/sec speed, it helps make them more reliable as well. Ultra66 fully supports CRC error-checking of Ultra DMA drives to assure reliable data transfers. The included FREE 80-wire/40-pin IDE cable offers further protection by adding 40 "ground" wires that reduce crosstalk between data signals which improves signal integrity to prevent data loss or error.



ULTRA66™ ULTRA DMA/66 PCI CONTROLLER CARD

Mix n' Match . . . You'll Get It Fast!

Promise Technology's onboard flash BIOS automatically recognizes not only Ultra ATA/66 drives, but Ultra ATA/33, EIDE, Fast ATA-2 drives, and ATAPI-devices* as well. Ultra66 provides two independent data ports, each with separate device timing, that support up to 4 IDE drives or devices. Separate device timing allows users to mix and match drives and/or IDE devices and run each at their highest-rated speeds.

More Capacity... More Devices

Ultra66's onboard BIOS continues to raise the storage capacity standard. Ultra66 supports drive capacities up to 128GB each for massive storage capability.

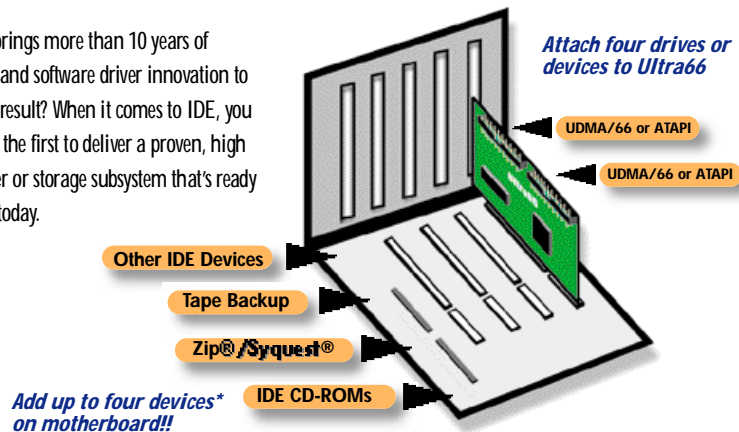
With Ultra66, you can also support more ATAPI-ready peripherals. That's because Ultra66 co-exists with the motherboard's two onboard IDE channels and frees them to connect more ATAPI CD-ROMs, tape backups, or other devices. Use Ultra66's IDE ports to run your fastest IDE drives at their highest-rated speeds.

Plug and Play for Easy Install, Support

The Ultra66 BIOS offers conflict-free, easy installation with true Plug n' Play PCI support. Ultra66 lets you dedicate hard drives to Ultra66 and ATAPI devices to your motherboard to eliminate conflicts. In addition, the BIOS automatically detects if the 80-wire IDE cable is used with an Ultra DMA/66 drive. If a standard 40-pin cable is used, an Ultra DMA/66 drive will only run at 33MB/sec.

Proven Performance

Promise Technology brings more than 10 years of proven IDE hardware and software driver innovation to the Ultra66 card. The result? When it comes to IDE, you can count on us to be the first to deliver a proven, high performance controller or storage subsystem that's ready for tomorrow's drives today.



ULTRA66 SPECIFICATIONS	
Drive Types Supported	Ultra ATA/66, Ultra ATA/33, EIDE, Fast ATA-2
# of Drives	4
Bus	PCI
Drive Transfer Rate	66MB/sec burst with Ultra ATA/66 drives
Drive Modes	Ultra DMA 4/3/2, PIO 4/3/2, DMA 2/1/0
Onboard Flash BIOS	Auto-identifies & configures drive type; auto-detects & supports Ultra Mode transfers; easy conflict-free installation; recognizes drives up to 128GB; auto-detects use of 80-wire IDE cable with UDMA/66 drives to set proper speed
Advanced Data Features	Bus mastering offloads data I/O handling from CPU; supports new CRC enhanced data protection for Ultra ATA drives; dual data channels allow separate device timings for Ultra ATA and/or EIDE devices
Operating Systems Compatibility	DOS 5.x and above, Windows 3.x, Windows 95/98, Windows NT 3.x & 4.x
ATAPI Device Support	Yes*
Included Cable	80-wire/40-pin IDE cable required to support Ultra ATA/66
Limited Warranty	2 years

* Non-Windows environments require manufacturer device drivers

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