

# PROMISE TECHNOLOGY, INC.

It's **ALL**  
About Your Data.

UltraATA/100 Controller for 66MHz  
PCI Motherboards

## Ultra100 TX2™

Promise Technology, Inc., the leader in ATA controllers, delivers the first Ultra ATA/100 controller card to support the latest 66MHz PCI motherboards.

### TX2 Widens Playing Field For Ultra ATA/100 Drives

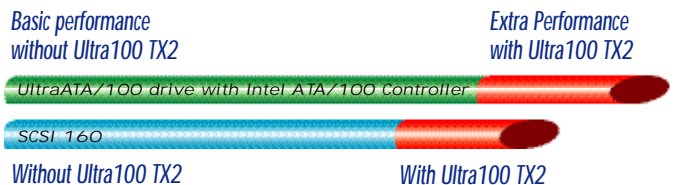
The broader bandwidth assures maximum performance up to 200MB/sec over the PCI bus with CRC error-checking, greater data reliability, and faster transfers.

Ultra100 TX2 uses the world's best-selling Promise Ultra ATA/100 BIOS for proven compatibility with your new drive(s). Not ready for 66MHz PCI yet? Ultra100 TX2 is completely backward-compatible with 33MHz PCI systems or slower Ultra ATA/66/33 drives. Supports up to four Ultra ATA drives and ATAPI devices.

### Even Faster Performance For Windows Systems

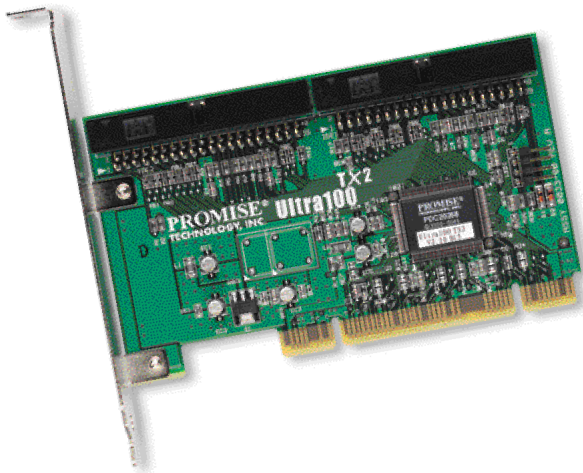
With Promise Ultra100 TX2, Promise makes your new, fast drives even faster under Windows 95/98/ME/NT/2000. That's not just for Ultra ATA/100 drives attached to your Promise Ultra100 TX2. Ultra100 TX2's software drivers automatically boost performance for all drives (even SCSI drives and ATA drives on the motherboard controller) installed in your PC by up to 40%<sup>2</sup>

#### Relative Drive Performance



### Proven Bios For More Capacity, Devices

The most tested BIOS in the business automatically recognizes the capacity of even the largest Ultra ATA drives today. If more is better, Ultra100 TX2 is perfect for the gadget bug. Ultra100 TX2 lets you support a combination of up to 8 ATA drives and ATAPI peripherals in your system by co-existing with the onboard IDE ports.



- 66MHz PCI Bus Support Assures Highest Data Transfers<sup>1</sup>
- Handles Up to 4 Ultra ATA/100 Drives
- For Windows 2000/NT/ME/98/95; RedHat Linux 6.2/7.0; Netware 3.12/4.1x/5.0
- Increases Windows performance for onboard ATA and SCSI drives by up to 40%<sup>2</sup>

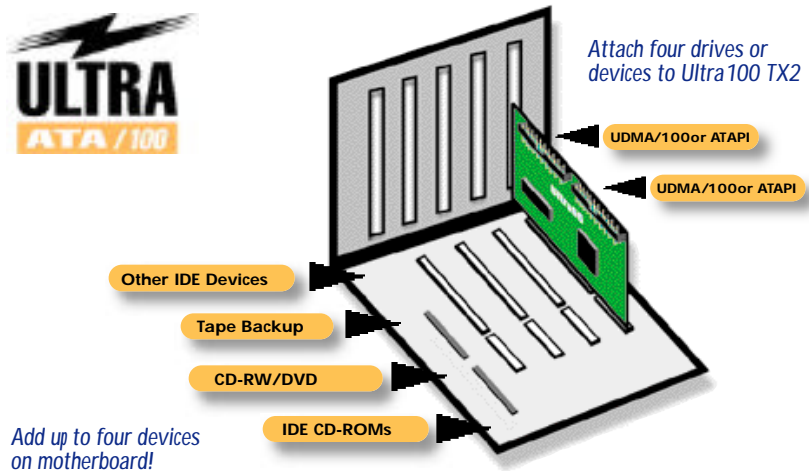
<sup>1</sup> Backward compatible with 33MHz PCI Bus motherboards

<sup>2</sup> According to Winbench '99 Business Winmark test. Use 128MB or more RAM for best results. Some limitations apply

# ULTRA 100 TX2™ ULTRA ATA/100 CONTROLLER FOR 66MHz PCI

## Storage Gets Safer And Faster

Ultra100 TX2 supports the highest drive speeds possible from drive manufacturers of Ultra ATA/100 drives. It further assures that those data transfers are reliable, thanks to its support of CRC error-checking of these drives when running at top speed. The bundled 80-wire/40-pin Ultra ATA cable also improves signal integrity by minimizing signal noise or "crosstalk" during data transfers that can contribute to data loss. The card also offers substantially faster performance for all drives (ATA and SCSI) installed in Windows-based PCs.<sup>1</sup>



## Easy Installation With Peace-of-Mind

Just plug Ultra100 TX2 into any PCI slot and attach your new Ultra ATA/100 or other Ultra ATA drive. The Promise BIOS does the rest... recognizing and optimizing each drive and device for their maximum performance. Simply install the included Promise drivers for Ultra100 TX2 and watch Windows performance improve dramatically too.<sup>1</sup>

## The Leader in ATA

Since 1988, Promise Technology, Inc. has offered high performance IDE controllers for PC storage and has long been recognized as a leader in ATA drive controllers. The world's biggest OEMs and resellers look to Promise for ongoing innovations in ATA controller design. Promise excellence extends to our free technical support and continuous product testing.

### ULTRA 100 TX2 SPECIFICATIONS

Drive Support	Ultra ATA/100, Ultra ATA/66, Ultra ATA/33, EIDE
Drive Mode	Ultra DMA 5/4/3/2/1/0; DMA 2/1/0; PIO 4/3/2/1/0
Data Transfer Rate	Up to 100MB/sec burst data transfers (with Ultra ATA/100 drives); provides 200MB/sec bandwidth when used in a 66MHz PCI slot (133 MB/s when used in a 33 MHz PCI slot)
Onboard BIOS	Auto-identifies and configures drive type; auto-detects and supports Ultra Mode transfers; easy conflict-free installation
Advanced Data Features	Bus mastering offloads data I/O handling from host CPU; supports CRC error-checking of Ultra ATA drives
Cable Support	Includes single Ultra ATA 80-wire/40-pin cable; cable required for Ultra ATA/100 drives to reduce signal noise ("crosstalk") during transfers
Device Support	Dual IDE ports support separate timing and optimum speeds of attached drive(s) or ATAPI device(s)
Operating Systems	DOS 5.x, Windows 3.1x, Windows 95/98/Me, Windows NT4/2000, Red Hat Linux 6.2/7.0, Netware 3.12/4.1x/5.0
Supports ATAPI	Yes
Limited Warranty	3 Years

<sup>1</sup> According to Winbench '99 Business Winmark test. Use 128MB or more RAM for best results. Some limitations apply.

<sup>2</sup> ATAPI devices not supported in DOS or Windows 3.1x. All trademarks are the properties of their respective holder.  
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### Promise Europe

Unit 1.25 European Business Centre • Luchthavenweg 81  
5657 EAEindhoven, The Netherlands  
Tel: 31 (0)40 256 94 61 • Fax: 31 (0)40 256 94 63  
E-mail: sales@promise.nl

### Promise USA

1745, McCandless Drive • Milpitas, CA 95035  
Tel: 408 228 6300 • Fax: 408 228 6400  
E-mail: sales@promise.com

### Promise Taiwan

2F, No. 30, Industry E.Rd. 9, Science-Based,  
Industrial Park Hsinchu, Taiwan, R.O.C.  
Tel: 886-3-578-2395 • Fax: 886-3-5645313  
E-mail: sales@promise.com.tw

### Promise China

Room 3213, No. 11 South Zhong Guan Cun Street  
Hai Dian District, Beijing 100081 P.R. China  
Tel: 86 10 68723941-2 • Fax: 86 10 68723940  
E-mail: sales-china@promise.com

