

Product Overview

4Core1333-Viiv



ASRock DeskExpress, providing one front USB 2.0 port and one Express card slot to support all kinds of Express cards, such as eSATAII card, USB 2.0 card, LAN card and flash disc, offers you a device to expand the availability conveniently in addition to the PCI Express interface on this motherboard. Please refer to below table for ASRock DeskExpress specifications. (Detail)

- **LGA 775 for Intel® Core™ 2 Extreme / Core™ 2 Quad / Core™ 2 Duo / Pentium® Dual Core / Celeron®, supporting Quad Core Yorkfield and Dual Core Wolfdale processors**
- **Intel® P965 + ICH8DH Chipsets**
 - Intel® Viiv™ Ready
 - Compatible with all FSB1333/1066/800/533MHz CPUs
 - Supports Dual Channel DDRII800/667/533 x 4 DIMM slots, with max. capacity up to 8GB
 - Supports ATI™ CrossFire™
 - 1 x PCI Express x 16 slot
 - Additional AGI Express slot to adopt 2nd PCI Express x 16 VGA card, and other PCI Express x4, x2, x1 interface cards
 - Untied Overclocking : During Overclocking, FSB enjoys better margin due to fixed PCIE/ PCI Buses
 - Hybrid Booster - Safe Overclocking Technology
 - Supports Gigabit LAN 10/100/1000 Mb/s
 - Supports 2 x IEEE1394 ports (one port on back panel, one header on board)
 - 6 x Serial ATAII 3.0 Gb/s, support RAID (RAID 0, RAID 1, RAID 10, RAID 5 and Intel® Matrix Storage), NCQ, AHCI and "Hot Plug" functions
 - 1 x eSerial ATAII 3.0 Gb/s (shared with 1 SATAII port), support NCQ, AHCI and "Hot Plug" functions
 - 7.1 CH Windows® Vista™ Premium Level HD Audio (ALC888 Audio Codec)
 - Windows® Vista™ Premium 2007 Logo Ready
 - Supports Windows® XP Media Center Edition
 - Free Bundle: 1 x ASRock DeskExpress, providing PCI Express slot for all kinds of PCI Express interface cards, and 1 Front USB port
 - ASRock 1394_eSATAII I/O Plus: 1 eSATAII port, 1 x IEEE 1394 port, 4 ready-to-use USB ports

This model may not be sold worldwide. Please contact your local dealer for the availability of this model in your region.



Product Specifications

General	
CPU	<ul style="list-style-type: none"> - LGA 775 for Intel® Core™ 2 Extreme / Core™ 2 Quad / Core™ 2 Duo / Pentium® Dual Core / Celeron®, supporting Quad Core Yorkfield and Dual Core Wolfdale processors - Compatible with all FSB1333*/1066/800/533MHz CPUs - Intel® Viiv™ Ready - Supports Hyper-Threading Technology - Supports Untied Overclocking Technology - Supports EM64T CPU
	*In overclocking mode.
Chipset	<ul style="list-style-type: none"> - Northbridge: Intel® P965 - Southbridge: Intel® ICH8DH

Memory	<ul style="list-style-type: none"> - Dual Channel DDR2 memory technology - 4 x DDR2 DIMM slots - Supports DDRII800/667/533 non-ECC, un-buffered memory - Max. capacity of system memory: 8GB* <p>*Due to the operating system limitation, the actual memory size may be less than 4GB for the reservation for system usage under Windows® XP and Windows® Vista™. For Windows® XP 64-bit and Windows® Vista™ 64-bit with 64-bit CPU, there is no such limitation.</p>
BIOS	<ul style="list-style-type: none"> - 4Mb AMI BIOS - AMI Legal BIOS - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - Supports jumperfree - SMBIOS 2.3.1 Support
Audio, Video and Networking	
Graphics	- n/a
Audio	- 7.1 CH Windows® Vista™ Premium Level HD Audio (ALC888 Audio Codec)
LAN	<ul style="list-style-type: none"> - Gigabit LAN 10/100/1000 Mb/s - Giga PHY Intel® 82566DC - Supports Wake-On-LAN
Expansion / Connectivity	
Slots	<ul style="list-style-type: none"> - Supports ATI™ CrossFire™ - 1 x PCI Express x16 slot - 1 x AGI Express slot (PCI Express x4) - 1 x PCI Express x1 slot - 3 x PCI slots
Connector	<ul style="list-style-type: none"> - 6 x SATAII 3.0 Gb/s connectors, support RAID (RAID 0, RAID 1, RAID 10, RAID 5 and Intel® Matrix Storage), NCQ, AHCI and "Hot Plug" functions - 1 x eSATAII 3.0 Gb/s connector (shared with 1 SATAII port), supports NCQ, AHCI and "Hot Plug" functions - 1 x ATA133 IDE connector (supports 2 x IDE devices) - 1 x Floppy connector - 1 x DeskExpress Hot Plug Detection header - 1x Game port header - 1 x HDMI_SPDIF header - 1 x IEEE 1394 header - CPU/Chassis FAN connector - 20 pin ATX power connector - 4 pin 12V power connector - SLI/XFire power connector - CD in header - Front panel audio connector - 3 x USB 2.0 headers (support 6 USB 2.0 ports)
Rear Panel I/O	ASRock 1394_eSATAII I/O Plus <ul style="list-style-type: none"> - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x Serial Port: COM1 - 1 x Parallel Port (ECP/EPP Support) - 4 x Ready-to-Use USB 2.0 Ports - 1 x eSATAII Port - 1 x RJ-45 LAN Port - 1 x IEEE 1394 Port - HD Audio Jack: Side Speaker / Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone
Other Features / Miscellaneous	
Hybrid Booster	<ul style="list-style-type: none"> - CPU Frequency Stepless Control - ASRock U-COP - Boot Failure Guard (B.F.G.)
Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version)
Accessories	<ul style="list-style-type: none"> - Quick Installation Guide, Support CD, I/O Shield - Floppy/ATA 133 Cables - 4 x SATA Data Cables (optional) - 1 x SATA 1 to 1 Power Cable (optional)

	<ul style="list-style-type: none"> - 1 x HDMI_SPDIF Cable (optional) - 1 x DeskExpress Hot Plug Detection Cable (optional) - 1 x USB Header Data Cable (optional) - 1 x ASRock DeskExpress (optional) - 1 x PCIE_DE Card (optional) - 4 x Screws (optional)
Hardware Monitor	<ul style="list-style-type: none"> - CPU Temperature Sensing - Chassis Temperature Sensing - CPU Fan Tachometer - Chassis Fan Tachometer - CPU Quiet Fan - Voltage Monitoring: +12V, +5V, +3.3V, CPU Vcore
Form Factor	- ATX Form Factor: 12.0-in x 9.0-in, 30.5 cm x 22.9 cm
OS	- Microsoft® Windows® 2000 / XP / XP Media Center / XP 64-bit / Vista™ / Vista™ 64-bit compliant
Certifications	- FCC, CE, WHQL

Caution:

Please realize that there is a certain risk involved with overclocking, including adjusting the setting in the BIOS or using the third-party overclocking tools. Overclocking may affect your system stability, or even cause damage to the components and devices of your system. It should be done at your own risk and expense. We are not responsible for possible damage caused by overclocking.

The specification is subject to change without notice in advance. The brand and product names are trademarks of their respective companies. Any configuration other than original product specification is not guaranteed.