

Manual abstract:

0, DirectX 9.0 - Max. shared memory 384MB - Supports D-Sub with max. resolution up to 2048x1536 @ 75Hz - 5.1 CH HD Audio (VIA® VT1705 Audio Codec) - Realtek PCIEx1 LAN 8103EL / 8102EL - Speed: 10/100 Ethernet - Supports Wake-On-LAN I/O Panel - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x Serial Port: COM1 - 1 x VGA Port - 4 x Ready-to-Use USB 2.0 Ports - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - HD Audio Jack: Line in / Front Speaker / Microphone - 4 x SATAII 3.0 Gb/s connectors (No support for RAID and "Hot Plug" functions) - 1 x ATA100 IDE connector (supports 2 x IDE devices) - 1 x Print port header - CPU/Chassis FAN connector - 24 pin ATX power connector - 4 pin 12V power connector - CD in header - Front panel audio connector - 2 x USB 2.0 headers (support 4 USB 2.0 ports) - 4Mb AMI Legal BIOS - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - Supports jumperfree - SMBIOS 2.

3.1 Support - VCCM Voltage Multi-adjustment - Drivers, Utilities, AntiVirus Software (Trial Version), ASRock Software Suite (CyberLink DVD Suite - OEM and Trial ; Creative Sound Blaster X-Fi MB - Trial) - ASRock OC Tuner - Intelligent Energy Saver - Instant Boot - ASRock Instant Flash - ASRock OC DNA - Hybrid Booster: - CPU Frequency Stepless Control - ASRock U-COP - Boot Failure Guard (B.F.G.) - CPU Temperature Sensing - Chassis Temperature Sensing - CPU Fan Tachometer - Chassis Fan Tachometer - CPU Quiet Fan - Voltage Monitoring: +12V, +5V, +3.

3V, CPU Vcore - Microsoft® Windows® 7 / 7 64-bit / Vista™ / Vista™ 64-bit / XP / XP 64-bit compliant - FCC, CE - ErP/EuP Ready (ErP/EuP ready power supply is required) - Quick Installation Guide, Support CD, I/O Shield - 2 x SATA Data Cables (Optional) Audio LAN Rear Panel I/O Connector Product Brief - Supports Quad Core CPU - Supports FSB1333/1066/800 MHz CPUs - Supports Dual Channel DDR2 800 - Intel® Graphics Media Accelerator 3100, DirectX 9.0, Max. shared memory 384MB - ErP/EuP Ready - Supports ASRock Instant Boot, Instant Flash, OC DNA, ASRock OC Tuner (Up to 138.8% CPU frequency increase) - Supports Intelligent Energy Saver (Up to 30.33% CPU Power Saving) - Free Software: CyberLink DVD Suite - OEM and Trial; Creative Sound Blaster X-Fi MB - Trial The specification is subject to change without notice.

The brand and product names are trademarks of their respective companies. Any configuration other than original product specification is not guaranteed. BIOS Feature Support CD Unique Feature Hardware Monitor OS Certifications Accessories G31M-VS2 Intel® G31+ ICH7 Chipsets www.asrock.com Supports Quad Core CPU ASRock OC Tuner: ASRock OC Tuner is a user-friendly and untied tool which allows you to guard your system by hardware monitor function and overclock your hardware devices to get the best system performance System Health Hardware Monitor Overclocking Voltage Control Energy Saving : Supports ASRock Intelligent Energy Saver (I.E.S) Power Saving CPU power information CPU Power saving up to 30.33% G31M-VS2 Intel® G31+ ICH7 Chipsets www.asrock.com OC DNA Save your OC settings as a profile and share with friends.

@@@@@@@@@@@@@@@@@@@@It is embedded in Flash ROM which is used to update the system BIOS without having to enter operating systems like MS-DOS or Windows. Features Once executing ASRock Instant Flash, the utility will automatically detect all devices such as USB, hard disk or even floppy drive to find the exact BIOS for your system. Instead of giving you all BIOS in your devices, the Instant Flash just list BIOS versions that apply to your motherboard model only. For example, if you have many different BIOS of different motherboards saved in your devices, but you just need to flash your P45 motherboard, the Instant Flash will just list the P45 BIOS versions for you. This unique function allows you to easily select the suitable BIOS version instead of browsing through all data. Instant Flash just list BIOS versions that apply to your motherboard model. Click and start Flashing! Simple! Quick! G31M-VS2 Intel® G31+ ICH7 Chipsets www.asrock.com CyberLink Power2Go 6.1 LE OEM Power2Go 6 lets you burn and backup videos, photos, music and data onto Blu-ray Discs and DVDs.

CyberLink MediaShow 4.1 SE OEM Photo and video management software MediaShow edits videos and photos instantly, creates slideshow, and allows publishing directly to YouTube and Flickr. CyberLink PowerDVD 8.0 DTS Trial World-renowned PowerDVD 8 DTS delivers outstanding DVD movie playback quality on your PC. CyberLink PowerDirector 8.

0 Trial PowerDirector - Video Editing software edits high-definition videos including AVCHD, allows output to PSP iPod and Blu-ray Disc. CyberLink PowerBackup 2.5 Trial PowerBackup backups valuable data on your PC. Creative Sound Blaster X-Fi MB Trial The Sound Blaster X-Fi MB solution provides premium audio quality, effects and features for PC systems equipped with onboard audio. .



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