

# A6R Series Notebook PC

Exceptional Performance & Value!



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Rev 0.5

2005

**2-Spindle, Pentium M  
15.4" TFT  
Compact for Mobility**

## Specifications

<b>Processor &amp; Sockets</b>	<ul style="list-style-type: none"> <li>■ Mobile Intel® Celeron M</li> <li>■ µPGA Package with Socket-478</li> <li>■ 0.09µ Process                             <ul style="list-style-type: none"> <li>■ Dothan Celeron, 400MHz FSB, 1MB L2 Cache, 1.4GHz up to 1.7GHz</li> </ul> </li> </ul>
<b>BIOS</b>	<ul style="list-style-type: none"> <li>■ AMI BIOS code</li> <li>■ 4Mb Flash EPROM</li> <li>■ PMU, Plug &amp; Play</li> </ul>
<b>Chipset</b>	■ ATI RADEON XPRESS 200+ ATI SB400
<b>Main Memory</b>	<ul style="list-style-type: none"> <li>■ Two SO-DIMM socket for expansion up to 2048MB</li> <li>■ DDR II SDRAM533</li> </ul>
<b>Display</b>	<ul style="list-style-type: none"> <li>■ 15"/15.4" active matrix color TFT</li> <li>■ 15" XGA/SXGA+ &amp; 15.4" WXGA (1280*800) / WSXGA+ (1680*1050) 256K Color Max</li> <li>■ Dual Channel LVDS I/F</li> </ul>
<b>Graphics &amp; Video Module</b>	■ ATI RADEON XPRESS 200
<b>CRT Display Modes</b>	<ul style="list-style-type: none"> <li>■ VGA 640 x 480, 256/32K/64K/16.7M colors</li> <li>■ SVGA 800 x 600 256/32K/64K/16.7M colors</li> <li>■ XGA 1024 x 768 256/32K/64K/16.7M colors</li> <li>■ SXGA 1280 x 1024 256/32K/64K/16.7M colors</li> <li>■ UXGA 1600x1200 256/32K/64K/16.7M colors</li> </ul>
<b>PC Card Slot</b>	<ul style="list-style-type: none"> <li>■ PCMCIA 2.1 compliant</li> <li>■ One Type II</li> </ul>
<b>Multi-Card Reader</b>	<ul style="list-style-type: none"> <li>■ One built-in card reader support                             <ul style="list-style-type: none"> <li>◆ MMC/ SD</li> <li>◆ Memory Stick/ MS Pro</li> </ul> </li> </ul>
<b>Hard Disk Drive</b>	<ul style="list-style-type: none"> <li>■ 2.5" 9.5 mm IDE HDD with Ultra DMA100 supported</li> <li>■ 40 / 60 / 80GB; support 4200 RPM</li> <li>■ 60 / 80GB; support 5400 RPM</li> <li>■ Fixed type, easy for BTO</li> </ul>
<b>IrDA</b>	■ SIR-115.2Kbps supported
<b>Modem/FAX &amp; LAN</b>	<ul style="list-style-type: none"> <li>■ On board 10/100 Mbps RealTek Fast Ethernet Controller LAN</li> <li>■ AC97 MDC</li> <li>■ Worldwide regulation, CTR21, JATE, FCC,DGT,A-Tick, 中國入網許可(Regulation in China).etc passed (TW/PRC/EU/US)</li> </ul>
<b>Optical Storage Device</b>	<ul style="list-style-type: none"> <li>■ Interchangeable 5.25" ATAPI 8X DVD-ROM module</li> <li>■ Interchangeable 5.25" ATAPI 24X/24X/8X/24X DVD+CD- RW Combo module</li> <li>■ Interchangeable 5.25" ATAPI 2X(2.4X)4X/24X24X/8X24X DVD-RW/DVD+RW Dual/S-Multi module</li> </ul>
<b>Video Camera</b>	■ 0.35 Million Pixels Video Camera
<b>LED Status Indicator</b>	<ul style="list-style-type: none"> <li>■ Power-on/Suspend</li> <li>■ Bat. Charging/full/low</li> <li>■ Storage device access</li> <li>■ Cap. Lock</li> </ul>

	<ul style="list-style-type: none"> <li>■ Scroll Lock</li> <li>■ Num Lock</li> <li>■ E-mail in box</li> <li>■ Wireless indicator</li> </ul>
<b>On-screen-Display</b>	<ul style="list-style-type: none"> <li>■ Brightness</li> <li>■ Display selection LCD/Ext. Monitor/ LCD on/off</li> <li>■ AC adapter plug in/ Battery in use</li> <li>■ Volume On/Off</li> <li>■ Volume Up/Down</li> <li>■ Power4 Gear indicator</li> <li>■ Fan fail warning with long "beep" sound</li> </ul>
<b>Interface</b>	<ul style="list-style-type: none"> <li>■ One EPP/ECP Parallel port/D-sub 25-pin</li> <li>■ One Headphone-out jack (w/SPDIF)</li> <li>■ One Microphone-in jack</li> <li>■ One Line-in Jack</li> <li>■ One RJ11 Modem jack for phone line</li> <li>■ One RJ45 LAN Jack for LAN insert</li> <li>■ 4 USB 2.0 ports</li> <li>■ One VGA port/Mini D-sub 15-pin for external DDC monitor</li> </ul>
<b>Keyboard</b>	<ul style="list-style-type: none"> <li>■ 19 mm full size 88key with MS-Windows function keys</li> <li>■ 2.5mm travel</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>■ AC 97 S/W audio</li> <li>■ SoundBlaster Pro Compatible</li> <li>■ Build-in stereo speakers (2W)</li> </ul>
<b>Hot Keys</b>	<ul style="list-style-type: none"> <li>■ Instant launch Keys                             <ul style="list-style-type: none"> <li>◆ 4 buttons</li> <li>◆ Power4 Gear +, Email, Internet, Touchpad Lock</li> </ul> </li> <li>■ Function Keys                             <ul style="list-style-type: none"> <li>◆ Fn+F1 suspend switch</li> <li>◆ Fn+F2 Wireless switch</li> <li>◆ Fn+F5 Brightness down</li> <li>◆ Fn+F6 Brightness up</li> <li>◆ Fn+F7 LCD on/off</li> <li>◆ Fn+F8 LCD/CRT/TV-out switch display</li> <li>◆ Fn+F10 Volume on/mute</li> <li>◆ Fn+F11 Volume down</li> <li>◆ Fn+F12 Volume up</li> </ul> </li> </ul>
<b>Power Management</b>	<ul style="list-style-type: none"> <li>■ Full feature ACPI power management, supports Stand-by, Suspend to Disk, and Suspend to RAM</li> <li>■ MDP 2003 compatible</li> </ul>
<b>Battery Pack&amp; Life</b>	<ul style="list-style-type: none"> <li>■ 8 cells &amp; 4cells, 4400mAh /2200mAh, 71Whrs</li> <li>■ Run-Down life: 4 hrs</li> <li>■ Smart battery, charging time, 4hrs/2.5hrs (System On/ Off) to 95%.</li> </ul>
<b>AC adapter</b>	<ul style="list-style-type: none"> <li>■ Output: 19V DC, 3.42A, 65W</li> <li>■ Input: 100~240V AC, 50/60Hz universal</li> </ul>
<b>Pointing Device</b>	<ul style="list-style-type: none"> <li>■ Built-in Touch pad pointing device</li> <li>■ 2 click buttons with scroll key</li> </ul>

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<b>Thermal Solution</b>	<ul style="list-style-type: none"> <li>■ ADTD (Developed by Asus) to handle 35W CPU thermal envelope</li> </ul>
<b>Support OS</b>	<ul style="list-style-type: none"> <li>■ Windows XP ,SPII</li> <li>■ Driver support ,2K,XP</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>■ Pre-OS Authentication by programmable key code</li> <li>■ BIOS Booting User Password Protection</li> <li>■ HDD User Password Protection and Security Lock</li> <li>■ Kensington Lock hole provided</li> </ul>

<b>Dimensions</b>	<ul style="list-style-type: none"> <li>■ 328 x 288 x 27-38mm (W x D x H, typical)</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>■ 2.65 kg (w/ 15.0" LCD, 9.5mm HDD, 8 x DVD-ROM and 4 cells Li-Ion battery pack)</li> <li>■ 2.80 kg (w/ 15.0" LCD, 9.5mm HDD, 8 x DVD-ROM and 8 cells Li-Ion battery pack)</li> <li>■ 2.70 kg (w/ 15.4" LCD, 9.5mm HDD, 8 x DVD-ROM and 4 cells Li-Ion battery pack)</li> <li>■ 2.85 kg (w/ 15.4" LCD, 9.5mm HDD, 8 x DVD-ROM and 8 cells Li-Ion battery pack)</li> </ul>
<b>Optional Item: IEEE 802.11b/g Wireless LAN (Factory option)</b>	<ul style="list-style-type: none"> <li>■ MiniPCI I/F</li> <li>■ Built-in antenna</li> <li>■ IEEE 802.11b/g</li> <li>■ Wireless Certification: TWN, CHN, FCC, European</li> </ul>

## Additional Spec

<b>S/W Utility (For Asus Brand only)</b>	<ul style="list-style-type: none"> <li>■ Asus Winflash for BIOS and Driver live Update</li> <li>■ Power4Gear+: Pre-defined power saving theme</li> <li>■ HotKey: support instant key function defined</li> <li>■ Asus NB Probe</li> <li>■ ASUSDVD 2000 XP/Cyberlink PowerDVD (w/ DVD model) w/ latest qualified version</li> <li>■ Asus Screen Saver</li> <li>■ Asus Active Update</li> </ul> <p>Shipment bundle S/W:</p> <ul style="list-style-type: none"> <li>■ NORTON 2005</li> <li>■ Adobe Acrobat Reader 5.1</li> <li>■ Nero v6.x lite (w/ combo, DVD-RW SKU)</li> </ul>
<b>Regulation</b>	<ul style="list-style-type: none"> <li>■ EMI: USA(FCC-B), JAP(VCCI-B), TWN(檢磁), CCIB</li> <li>■ Safety: CE, CB, TUV, cUL, CCIB,</li> <li>■ Modem: Universal PPT including US(FCC-B), TWN(DGT), PRC (FCC68), JPN(JATE), EURO(CTR21)</li> </ul>
<b>Windows Certification</b>	<ul style="list-style-type: none"> <li>■ Compatibility: HCT V11.1a (Window XP )</li> <li>■ Language: US Int'l, JAP, TWN</li> <li>■ Supported OS: Windows XP</li> </ul>
<b>Keyboard Language</b>	<ul style="list-style-type: none"> <li>■ US, JAP, TWN before M/P</li> <li>■ France, GR CR, DN, CZ, IT, BL, NW, PO, SF, SP, SW, SC, FR, JP, RU ,UK Spain, AR when M/P</li> </ul>