

### 2 Spindle Santa Rosa Model 13.3" Wide XGA TFT

### Thin and Light Low Cost for Portability

#### Specifications

<b>Processor &amp; Cache</b>	<ul style="list-style-type: none"><li>■ Intel Merom Processor w/ 2/4MB L2 cache</li><li>■ Support Power4 Gear+ (Frequency limited + throttle)</li><li>■ uFC-PGA package</li></ul>	<b>Keyboard</b>	18.5mm ergonomic & 2.35mm travel (query key only) 83-key with WIN_XP/Vista function key
<b>BIOS</b>	<ul style="list-style-type: none"><li>■ AMI, 8Mb Flash EPROM, PMU, Plug &amp; Play.</li><li>■ Boot from USB , LAN</li></ul>	<b>Hot Key</b>	<ul style="list-style-type: none"><li>■ 3 Instant function keys WLAN/Bluetooth on/off switch, power 4 gear</li><li>■ Function Keys<ul style="list-style-type: none"><li>■ Fn+F1 suspend switch</li><li>■ Fn+F2 Wireless/Bluetooth switch</li><li>■ Fn+F3 E-mail</li><li>■ Fn+F4 Internet</li><li>■ Fn+F5 Brightness down</li><li>■ Fn+F6 Brightness up</li><li>■ Fn+F7 LCD on/off</li><li>■ Fn+F8 LCD/External Display switch display</li><li>■ Fn+F9 Touch Pad lock</li><li>■ Fn+F10 Volume on/mute</li><li>■ Fn+F11 Volume down</li><li>■ Fn+F12 Volume up</li><li>■ Fn+Ins Numeric Key Pad on/off</li><li>■ Fn+Del Scroll Lock on/off</li><li>■ Fn+Space Power 4 Gear</li></ul></li></ul>
<b>Chipset</b>	<ul style="list-style-type: none"><li>■ Intel® PM965+ICH-8M</li></ul>	<b>Interface</b>	<ul style="list-style-type: none"><li>■ 1x VGA port/Mini D-sub 15-pin for external monitor</li><li>■ 3x USB 2.0 ports</li><li>■ 2 Audio jacks: Audio out (SPIDIF) / Mic-in</li><li>■ 1x LAN RJ-45 and 1x Phone RJ-11 jack</li><li>■ 1x 1394</li><li>■ 1x E-SATA</li><li>■ 1x Rotate CMOS (2.0M, auto focus)</li><li>■ 2 x mni card slot (Robson + WLAN)</li></ul>
<b>Main Memory</b>	<ul style="list-style-type: none"><li>■ 2x SODIMM socket for expansion up to 4GB DDRII DRAM support (TBD)</li></ul>	<b>Audio</b>	<ul style="list-style-type: none"><li>■ Built-in Azalia compliant audio chip, with 3D effect &amp; full duplex</li><li>■ Built-in speaker and microphone array</li></ul>
<b>Display</b>	<ul style="list-style-type: none"><li>■ 13.3" wide active matrix TFT, XGA 1280x800, 252K colors max</li></ul>	<b>Power Management</b>	<ul style="list-style-type: none"><li>■ Full feature SMI power management, Stand-by, Suspend to Disk, and Suspend to RAM</li><li>■ ACPI 2.0 (partially) supported</li></ul>
<b>Graphics &amp; Video Module</b>	<ul style="list-style-type: none"><li>■ nVidia NB8M-SE, 256MB</li></ul>	<b>Battery Pack &amp; Life</b>	<ul style="list-style-type: none"><li>■ Li-Ion 3 cells: 2600mAh, 3S1P, 27W (removable): 2.4 hours run-down life</li><li>■ Li-Ion 6 cells: 5200mAh, 3S2P, 53W (removable): 4.8 hours run-down life (CBB Battery compatible)</li><li>■ Li-Ion 9 cells: 7800mAh, 3S3P, 86.6W (removable): 7.4 hours run-down life (CBB Battery compatible)</li><li>■ Built-in gauge IC</li><li>■ Charging time: 2hrs quick charge 90% (power off)/ 4hrs (power on)</li><li>■ Battery low-low enters Save-To-Disk mode</li></ul>
<b>CRT Display Modes</b>	<ul style="list-style-type: none"><li>■ Depending on Intel® Crestline</li></ul>	<b>AC adapter</b>	<ul style="list-style-type: none"><li>■ Output : 19V DC, 3.42A, 90W (CBB adapter)</li><li>■ Input : 100~240V AC, 50/60Hz universal</li><li>■ 2/3 pin compact power supply system</li></ul>
<b>PC Cards Slot</b>	<ul style="list-style-type: none"><li>■ Express Card Supported</li><li>■ 4-in-1 MMC, SD, Memory Stick, MS-PRO flash card slot, Support push/push type,</li></ul>	<b>Pointing Device</b>	<ul style="list-style-type: none"><li>■ Built-in wide Touchpad</li></ul>
<b>Hard Disk Drive</b>	<ul style="list-style-type: none"><li>■ 2.5" 9.5mm SATA supported</li><li>■ Supported capacities of 2.5" 80/100/120/160G 5400rpm</li></ul>	<b>Heat Dissipation</b>	<ul style="list-style-type: none"><li>■ 35W thermal envelope</li><li>■ High-exchange efficiency copper molding heat-sink with heat-pipes</li></ul>
<b>Optical Storage Device</b>	<ul style="list-style-type: none"><li>■ 12.7"mm 5.25" ATAPI DVD+CD-RW, Combo drive</li><li>■ 12.7"mm 5.25" ATAPI DVD-RW/DVD+RW/DVD-RAM, Supermulti drive</li></ul>		
<b>Connectivity</b>	<ul style="list-style-type: none"><li>■ Integrated Mini WLAN card, 802.11a/b/g (BTO option) ,Intel Kedron 802.11AGN; 802.11AG</li><li>■ AzareWave - &gt; 2<sup>nd</sup> source</li><li>■ Antenna supports 802.11N</li><li>■ Integrated Azalia compliant MDC Fax/ Modem</li><li>■ On board 10/100/1000 Mbps Fast Ethernet controller</li><li>■ MODEM supported V.92 and universal PPT ( CTR 21, JATE, FCC, A-tick, DGT, 中國入網許可)</li><li>■ Built-in Bluetooth v2.0 +EDR module (BTO optional)</li></ul>		
<b>LED Status Indicator</b>	<ul style="list-style-type: none"><li>■ Power on/Suspend, Battery Full /Charging/Low, Storage Access, WLAN connectivity, Caps Lock, Bluetooth status</li></ul>		

- Temperature-Controlled cooling fan

### Dimensions/ Weight

- TBD : 320\*235\*26.8~34.5mm
- <1.95 kg with 6 cell battery

### Security

- TPM 1.2 (Optional) – Intergrated by BIOS and SW UI w/ Security Function
- FingerPrint Built-In (option)
- Pre-OS Authentication by programmable key code
- BIOS Booting User Password Protection
- HDD User Password Protection and Security Lock
- Kensington Lock

### Support OS

- Windows XP ,SP2, Vista Premium
- Driver support ,Vista, XP

## Additional Spec

### S/W Utility

#### Asus Built or modified for Win XP:

- Asus Winflash for BIOS and Driver live Update
- Power4Gear+: Pre-defined power saving theme
- HotKey: support instant key function defined
- ASUSDVD 2000/Cyberlink PowerDVD (w/ DVD model)
- Mylogo + Utility
- Shipment bundle S/W:
  - Adobe Acrobat Reader 7.0
  - Adaptec Easy CD creator v4.2+ or Nero v6.6+ (w/ Combo model)
  - VOIP

### Regulation

- EMI: USA(FCC-B), JAP(VCCI-B), CCC
- Safety: CE, CB, cUL, CCC,
- Modem: Universal PPT including US (FCC-B) , PRC (FCC68), JPN (JATE), EURO (CTR21)

### Windows Certification

- Compatibility: HCT V12.1 (Window XP), WinKey
- Language: US Int'l, JAP,
- Supported OS: Windows XP; Windows Vista

### Keyboard Language

- US, JAP, UK before M/P
- France, GR CR, DN, CZ, IT, BL, NW, PO, SF, SP, SW, SC, FR, JP, RU, UK Spain, AR, TUR, KOR when M/P