

# Marketing Specification

## ***F5RL*** *Series Notebook PC* *A Revolutionary Notebook for Virtual Office*

**5 Pages**



### Processor & Cache (Pls use "Marketing name")

Intel® Core™ 2 Duo Processor T5x50 Processor up to 667MHz FSB

Intel® Pentium Dual Core Processor T2330/T2310

Intel Celeron M Processor (Merom Based, socket P) (C-M 550/540)

\* Intel's numbering is not a measurement of higher performance.

NOTE: Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.

### Operating System

**Preinstalled** Genuine Windows® Vista™  
- Genuine Home Basic  
- Genuine Home Premium  
- Genuine Business

**Supported** Microsoft® Windows® XP, SP2

### Chipset

ATI Radeon Xpress 1100 (RC415M + SB600)

### BIOS

AMI BIOS code; 4Mb Flash EPROM

Boot from USB LAN and AI-Flash 3, AI-Flash 4, AI-Flash 5

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## Main Memory

**Standard** 512-MB, 1024-MB 667-MHz DDR2 SDRAM; two SODIMM slots supporting single channel memory

**Maximum** Upgradeable to 2048-MB maximum (1024-MB SODIMM in slots 1 and 2)

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**Single-Channel** **DDR2 533/667 DRAM support**

NOTE: Vista 32bit standard of memory modules at least 512-MB(and above). If you mix memory speeds, the system will perform at the lower memory speed. Above 3-GB, all memory may not be available due to system resource requirements.

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## Display

**Internal** 15.4-inch WXGA (1280 x 768 resolution and 16 M colors)

**External** 15.4-inch WXGA+ wide viewing angle (1440 x 900 resolution and 16 M colors)

Up to 32-bit per pixel color depth

**VGA** port supports resolutions up to 2048 x 1536 at 75 Hz, and lower resolutions at up to 100 Hz

NOTE: Resolutions are dependent upon monitor capability, and resolution and color depth settings.

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## Graphics & Video Module

Integrated graphics core derivative of Radeon® X1100 technology

Hyper memory support

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## Display

VGA 640 x 480 256/64K/16.7M colors

SVGA 800 x 600 256/64K/16.7M colors

XGA 1024 x 768 256/64K/16.7M colors

UXGA 1600 x1200 256/64K/16.7M colors

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## Multi-Card Reader

7 in 1, Supports SD (Secure Digital), MMC (MultiMedia Card), Memory Stick, Memory Stick Pro, Memory Stick Duo\*, Smart Media, xD-Picture card

\*NOTE: Memory Stick Duo Adapters are required and sold separately. Inserting a Memory Stick Duo

Card directly into your notebook could damage the memory card and/or notebook.

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## Hard Disk Drive

**200-GB 4200 rpm SATA**

**160-GB 5400 rpm SATA**

**120-GB 5400 rpm SATA**

**80-GB 5400 rpm SATA**

**Support Hybird Disc**

NOTE: These hard drives are customer removable and will withstand multiple insertion/removal cycles.

Up to 8 GB is reserved for the system recovery software.

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## Expansion Card Slots

**Express Card slot** Express Card/34 or ExpressCard/54

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## Camera

1.3M pixels CMOS Camera (Optional)

## Keyboard

19 mm full size 88key with MS-Windows function keys

2.5mm travel

Add VISTA K/B Start Button

## Optical Storage Device

**Interchangeable** 5.25" optical drive; CTO option(12.7mm) 24X/24X/8X/24X DVD+CD- RW Combo module

**Interchangeable** 5.25" ATAPI 8X/4X, DVD+R/RW: 8X/4X, CD-R/RW:24X/10X, DVD-ROM:8X, CD-ROM:

## Network Connectivity

Integrated 802.11B/G WLAN and 802.11n WLAN (BTO) (Mini Card PCI-e)

Integrated MDC Fax/ Modem (ASUS)

On board 10/100 Mbps Fast Ethernet Controller

Support Wake-On-LAN on S4 AC-In Mode only

Worldwide Regulation, MODEM supported V.92 and Universal PPT (CTR 21, JATE, FCC, A-tick, DGT, 中國入網許可)

Wireless Certification System: TWN, CHN, FCC, European

## Interface

PC Card Slot	New card support
Express Card Slot Express	Card/34 or ExpressCard/54
External Monitor	One – VGA
External Microphone	One
Headphone/Line out	One
Power Connector	One
RJ-11 (Modem)	One
RJ-45 (NIC)	One
USB 2.0	Four
LED Status Indicators	FINE

## LED Status Indicator

Power On/ Suspend/ Battery Full, Charging, Low/ Bluetooth/ WLAN Accessing/ Storage device access/ Caps Lock/ Number Lock/ Scroll lock

## Audio

Integrated Azalia compliant audio chip, with 3D effect & full duplex ALC 660D)

SoundBlaster Pro Compatible

Build-in stereo speakers

## Power Management

Full feature SMI power management, Stand-by, Suspend to Disk, and Suspend to RAM

ACPI 1.0b and 2.0(partially) supported  
MDP 2003 compatible  
Support New Battery charging policy

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## Battery

<b>Battery Pack</b>	Li-Ion 49 WHrs (6 cell: 4400mAh, 3S2P) & Li-Ion 36 WHrs (4 cell: 2200mAh, 4S1P)
<b>&amp;Life</b>	Run-Down life:>2.5hr  Smart battery, charging time, TBD  (System On/Off) to 95%

NOTE: Battery life will vary depending on the product configuration, product model, applications loaded on the product, power management settings of the product, and the product features used by the customer.

As with all batteries, the maximum capacity of this battery will decrease with time and usage.

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## Power Supply

External 65-watt AC adapter  
Output: 19V DC, 3.72A, 65W  
Input: 100~240V AC, 50/60Hz universal  
2/3 pin power supply system

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## Pointing Device

Built-in Touch pad pointing device  
2 click buttons with scroll key  
Support Pad-Lock Function (Hot Key on/off)  
Touch pad with Numeral function

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## Heat Dissipation

ADTD (Developed by Asus) to handle 31W CPU thermal envelope

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**Dimensions (WxDxH)** 365~367 x 262 x 27( front)~35(rear)mm

**Weight** 2.65 Kg with 15.4-inch display and 6 cell batt.

NOTE: Height varies depending upon where on the notebook the measurement is made. Weight varies by configuration and components.

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## Security

- TPM 1.2 (Optional)
  - Pre-OS Authentication by programmable key code
  - BIOS Booting User Password Protection
  - HDD User Password Protection and Security Lock
  - Kensington Lock hole provided
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## Software Utility

Asus Built or modified for Vista

- Asus Win flash for BIOS and Driver live Update
- Power4Gear+: Pre-defined power saving theme
- Asus Screen Saver
- Asus Live Update
- Asus Life frame II
- Net 4 switch
- Multi-Frame
- Power 4 Phone
- Color Enhancement (Splendid)
- ASUS Wireless Console
- Instant Fun PLUS

Shipment bundle S/W:

- Norton 2007
- Adobe Acrobat Reader 8.0
- Nero V7.x (Bundle with CD/DVD recorder)

ASUSDVD /Cyber link Power DVD (w/ DVD model) w/ latest qualified version

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## Industry Standard Certifications

- EMI: USA(FCC-B), JAP(VCCI-B), TWN, CCC
- Safety: CE, CB, cUL, CCC,

Modem: Universal PPT including US (FCC-68), TWN (DGT), PRC, JPN (JATE), EURO (CTR21)