

F3Ka/Ke Series Notebook PC



Exceptional Performance & Value!

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2 Spindle, Pentium M
15.4" TFT
Compact for Mobility

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Specifications

Processor & Cache	<ul style="list-style-type: none">n AMD Turion(tm) 64 Mobile Technology Dual Coren Taylor (FX), S1(638pin) DDR2n 35W TL-50/52/56/60, MK-36n TK53
BIOS	<ul style="list-style-type: none">AMD Turion(tm) 64 Mobile Technology Dual Coren Tyler Rev. G, S1(638pin) DDR235W CPU Type TBDn AMI BIOS coden 8MB Flash EPROMn PMU, Plug & Playn Boot from USB, LAN, Ai-Flash 3, Ai-Flash 4, Ai-Flash 5
Chipset	<ul style="list-style-type: none">n AMD M690G(ATI RS690M+SB600)
Main Memory	<ul style="list-style-type: none">n 2 x SODIMM socket for expansion up to 4GB DDR II DRAM supportn DDRII 667MHz support
Display	<ul style="list-style-type: none">n 15.4" active matrix color TFTn 15.4" WXGA/WXGA+n Dual Channel LVDS I/F
Graphics & Video Module	<ul style="list-style-type: none">F3Kan ATI HD2600 (M76-M)External 512MB VRAM (DDRII VRAM*8)n Hyper Memory 512Mn DX10 Supportn H.264/VC-1 Hardware decodingn HDCP support for DVI portF3Ken ATI X2300 (M64-M)External 128MB VRAM (DDRII VRAM*8)n Hyper Memory 512Mn DX9 Supportn DVI Port
CRT Display Modes	<ul style="list-style-type: none">n VGA 640 x 480 256/64K/16.7M colorsn SVGA 800 x 600 256/64K/16.7M colorsn XGA 1024 x 768 256/64K/16.7M colorsn UXGA 1600 x 1200 256/64K/16.7M colors
PC Cards Slot	<ul style="list-style-type: none">n New Card supported
Multi-Card Reader	<ul style="list-style-type: none">n One built-in 8-in-1 card reader support<ul style="list-style-type: none">u MMC/ SD/ Mini-SD /XDu Memory Stick/ MS Pro/ MS-Duo/ MS-Pro-Duo
Hard Disk Drive	<ul style="list-style-type: none">n 2.5" 9.5 mm SATA HDDn SATA 100GB/120GB/160G/200G;Support 5400/7200 RPMn Ready Drive
Optical Storage Device	<ul style="list-style-type: none">n 5.25" optical drive ; CTO option (12.7mm)n 24/10/8/24X Combo CD-RW+DVDn DVD-Super Multin DVD-LightScriben HD DVD (F3Ka will phase in Q4)n Blue-Ray DVD (F3Ka will phase in Q4)
Modem Board	<ul style="list-style-type: none">n 56K S/W modem (MDC type)n Video-conferencing I/F Compliance, V.92 supportn Worldwide regulation, FCC/JATE/CTR21/DGT compliance
LAN	<ul style="list-style-type: none">n Azalia Compliant MDMn On board 10/100/1000 Mbps Fast Ethernet controllern Support Wake-On-LAN on S4 AC-In Mode only

Wireless	<ul style="list-style-type: none">n Integrated mini-Card 802.11b/g (BTO option)n Integrated mini-Card 802.11a/b/g/n (BTO option) (Support Antenna 2x3 and 2x2)n Bluetooth module v2.0+EDR (BTO option)
WWAN	<ul style="list-style-type: none">n Built in Mini-Card Interface WWAN modulen 3G/3.5G Antenna supportn SIM Card slot on board
TV Tuner (Option)	<ul style="list-style-type: none">n Mini-Card Interfacen Analog and Hybrid TV Tuner (BTO)
LED Status Indicator	<ul style="list-style-type: none">Touch PAD LEDFront side (Need to be seen when LCD unit closed)n Power-on/Suspend (Green)n Bat. Charging/full/low (Orange)n Wireless indicator (Green)n Bluetooth Indicator (Green)
Video Camera	<ul style="list-style-type: none">Near Power buttonn Num Lockn Cap. Lockn Scroll lockn Storage device accessn ID3 : Rotate Camera, 1.3M / 2M with Auto Focusn ID2 : Fix Camera, 1.3Mn LED Lighting (TBD)
Keyboard	<ul style="list-style-type: none">n 19 mm full size 88key with MS-Windows function keysn 2.5mm traveln Add Vista K/B Start Button
Interface	<ul style="list-style-type: none">n 1x VGA port/Mini D-sub 15-pin for external monitorn 4x USB 2.0 ports (as least 2 port 1.5A)n 2 Audio jack : Head phone (SPIDIF) / Mic-inn 1x LAN RJ-45 and 1x Phone RJ-11 jackn 1x 1394 Type jackn 1x TV-Out (S-video)n 1 x DVI-Dn 1 x RF in (Option)n Build in 3 mini-Card

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Audio

- n Built-in Azalia compliant audio chip, with 3D effect & full duplex
- n Built-in stereo speakers (2W) and microphone.
- n SoundBlaster Pro Compatible
- n Support Audio Jack Detect for Vista Basic Logo
- n Support Audio CODEC criteria for Vista Premium Logo

Hot Keys

- n 1 x Power Button
- n 1 x WLAN/Bluetooth On/Off Switch
- n Instant launch Keys
 - u 5 buttons
 - u Instant On, Power4 Gear +(Power Express), Touch pad Lock , Splendid , Internet

Function Keys

- u Fn+F1 suspend switch
- u Fn+F2 Wireless/Bluetooth switch
- u Fn+F3 E-mail
- u Fn+F4 Internet
- u Fn+F5 Brightness down
- u Fn+F6 Brightness up
- u Fn+F7 LCD on/off
- u Fn+F8 LCD/External Display switch display
- u Fn+F9 Touch Pad lock
- u Fn+F10 Volume on/mute
- u Fn+F11 Volume down
- u Fn+F12 Volume up
- u Fn+Ins Numeric Key Pad on/off
- u Fn+Del Scroll Lock on/off
- u Fn+Space Power 4 Gear
- u **Fn+B LED light (not printed)**
- u Fn+C Splendid (not printed)
- u Fn+T Power 4 phone (not printed)
- u **Fn+V Take picture (not printed)**
- u Fn+ ↑ Stop
- u Fn+ ↓ Play/Pause
- u Fn+ ← Previous section / Previous Track
- u Fn+ → Next section / Next Track

Power Management

- n Full feature SMI power management, Stand-by, Suspend to Disk, and Suspend to RAM
- n ACPI 1.0b and 2.0 (partially) and **3.0 (partially) supported**
- n MDP 2003 compatible
- n **Support New Battery charging policy.**

Battery Pack & Life

- n Li-Ion 6 cells: 4800mAh, 3S2P, 53.28WHrs
- n Li-Ion 9 cells: 7200mAh, 3S3P, 79.92WHrs

AC adapter

- n Output : 19V,90W
- n Input : 100~240V AC, 50/60Hz universal
- n 3/ 2 pin compact power supply system
- n Built-in Wide Type Touch pad pointing device (With Touch PAD LED)
- n 2 click buttons

Heat Dissipation

- n ADTD (Developed by Asus) to handle **35W** CPU thermal envelope

- n High-exchange efficiency copper molding heatsink with heat-pipes
- n Temperature-Controlled cooling fan
- n 365 x 269.5 x 28-40.5 mm
- n 2.75kg with 6 cell battery

Dimensions /Weight Support OS

- n Windows Vista (64/32 bit), 64/32-bit Driver CD with Driver WHQL support.

Security

- n TPM 1.2 (Optional) – Integrated by BIOS and SW UI w/ Security Function
- n **AuthenTec FingerPrint Built-In (Option)**
- n Built-In ASUS Security Protect Manager
- n Pre-OS Authentication by programmable key code
- n BIOS Booting User Password Protection
- n HDD User Password Protection and Security Lock
- n Kensington Lock hole provided

Accessory List

Accessory (option)

- n Ai-Flash 4/ Ai-Flash5
- n USB mouse (Logitech BJ79)
- n USB data transfer cable support networking and USB 2.0

- n USB-COM cable
- n USB 2.0 HDD module
- n Bluetooth Earphone / VOIP Phone
- n USB TV dangle
- n RF Vista TV Controller
- n Bluetooth Vista TV Controller

Additional Spec

S/W Utility

Asus Built or modified for Vista

- n Asus Win flash for BIOS and Driver live Update
- n MS Media Share Software
- n ASUS DVD 2000 / Cyber link Power DVD (w/ DVD model) w/ latest qualified version
- n Asus Screen Saver
- n Asus Live Update
- n Asus Life frame II
- n ASUS Multi-Frame
- n ASUS Wireless Console
- n Net 4 switch
- n Power 4 Phone
- n Asus NB Probe +
- n Color Enhancement (Splendid)
- n ASUS Security Protect Manager 2.0
- n ASUS Data Security Manager

(W/FP=>install ASPM, WO/FP=>install ADSM)

- n Infineon Security Platform Host SW
- n Instant Fun PLUS
- n ASUS M3 (TBD) Messenger (For Motorola M3 MDC)

Shipment bundle S/W:

- n Norton Internet Security 2005
- n Adobe Reader Utility for read PDF files (V7.0)
- n Nero V6.x (Bundle with CD/DVD recorder)

Regulation

- n EMI: USA(FCC-B), JAP(VCCI-B), TWN, CCC
- n Safety: CE, CB, cUL, CCC,
- n Modem: Universal PPT including US (FCC-68), TWN (DGT), PRC, JPN (JATE), EURO (CTR21)
- n TWN

Windows Certification

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

Keyboard Language

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

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