

F3Q-AP002E

A Revolutionary Notebook for Virtual Office!

Processor & Cache

- Intel® Core™2 Duo Mobile Processor T3200 Processor , 2.0GHz

* 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

Genuine Windows® Vista™ Business

Chipset

Intel® GL40, 667FSB + ICH9M

BIOS

- AMI BIOS code
- PMU, Plug & Play
- Boot from USB, LAN, Ai-Flash 3, Ai-Flash 4, Ai-Flash

Main Memory

Standard 2048-MB DDRII 800 SDRAM; 2 x SODIMM slots supporting dual channel memory

Maximum Upgradeable to 4096-MB maximum* (4096-MB SODIMM in slots 1 and 2).

Dual-Channel Dual Channel DDR2 667/800 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.

Display

Internal 15.4" WXGA (1280 x 800 resolution and 16 M colors)

Dual channel LVDS I/F

External 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.

Graphics & Video Module

Intel GMA 4500 with share memory

Multi-Card Reader

8 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.

Hard Disk Drive

250-GB 5400 rpm SMART SATA

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.

ASUS Notebook F3Q-AP002E

Expansion Card Slots

Express Card slot

Express Card 34/54

Camera

1.3M Rotate Camera

Keyboard

19 mm full size, with MS-Windows Vista function keys. Nordic keyboard.

Optical Storage Device

5.25" 12.7mm [SATA interface](#)

DVD-Super Multi DL

Network Connectivity

Integrated **802.11 b/g/n** Wireless Module

Bluetooth module v2.1

56K S/W modem (MDC type)

Video-conferencing I/F Compliance, V.92 support

Worldwide regulation, FCC/JATE/CTR21/DGT compliance

Azalia Compliant MDM

On board 10/100/**1000** Mbps Fast Ethernet controller

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

Interface

1x VGA port/Mini D-sub 15-pin for external monitor

4 USB 2.0 ports

1x eSATA

2 Audio jack : Head phone (SPIDIF) / Mic-in

1x LAN RJ-45 and 1x Phone RJ-11 jack

1x 1394 Type A jack

1 x HDMI

1 x Express Card 34/54

1 x Kensington Lock

Build in 3 mini-Card

LED Status Indicator

Power On/Suspend, Battery Full/Charging/Low, Bluetooth, Wireless status

Storage Device Access, Caps Lock, Number Lock, Scroll Lock

Audio

Built-in Azalia compliant audio chip, with 3D effect & full duplex

Built-in stereo speakers (2W) and microphone.

Dolby Home Theatre certification

SoundBlaster Pro Compatible

Support Audio Jack Detect for Vista Basic Logo

Support Audio CODEC criteria for Vista Premium Logo

Power Management

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

ACPI 1.0 and 2.0 (partially) and 3.0 (partially) supported

MDP 2003 compatible

Battery

Li-Ion 53WHrs, (6 cells: 4800mAh, 3S2P)

Battery Life

Built-in gauge IC

Charging time: 2 hrs Quick charge 90% (Power off) / 4hrs (Power on)/3S2P

2.5 hrs Quick charge 90% (Power off) / 4.5hrs (Power on)/3S3P

Battery low-low enters Save-To-Disk mode. (This setting can be changed by the customers themselves)

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.

Power Supply

External 65-watt AC adapter

Output: 19V DC

Input: 100~240V AC, 50/60Hz universal

2/3 pin power supply system

Hot Keys

Power button

WLAN/Bluetooth On/Off Switch

Instant Launch Keys

Power4 Gear +, Touch pad Lock, Splendid, Instant On, Internet

Function Keys

Fn+F1	Suspend Switch	Fn+F2	Wireless/Bluetooth switch	Fn+F3	E-mail
Fn+F4	Internet	Fn+F5	Brightness down	Fn+F6	Brightness up
Fn+F7	LCD on/off	Fn+F8	LCD/External Display switch display	Fn+F9	Touch Pad lock
Fn+F10	Volume on/mute	Fn+F11	Volume down	Fn+F12	Volume up
Fn+C	Splendid	Fn+T	Power 4 phone	Fn+Space	Power 4 Gear+
Fn+V	Camera	Fn+Ins	Numeric Key Pad on/off	Fn+DEL	Scroll Lock on/off
Fn+ ↑	Stop	Fn+ ←	Previous section / Previous Track	Fn+ →	Next section / Next Track
Fn+ ↓	Play/Pause				

Pointing Device

Built-in Wide Type Touchpad

2 click buttons

Support Pad-Lock Function (Fn+F9 on/off)

Heat Dissipation

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

ASUS Notebook F3Q-AP002E

High-exchange efficiency copper molding heatsink with heat-pipes

Temperature-Controlled cooling fan

Dimensions (WxDxH) 365 x 269.5 x 28-40.5 mm

Weight 2.95 Kg with 6-cell battery

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

Security

Pre-OS Authentication by programmable key code

BIOS Booting User Password Protection

HDD User Password Protection and Security Lock

Kensington Lock hole provided

Software Utility

Asus Built or modified for Vista

- Asus Win flash for BIOS and Driver live Update (Pre-install)
- Asus Screen Saver (Pre-install)
- Asus Live Update (Pre-install)
- Asus Life frame 3 (Pre-install)
- Asus [Smart Log](#) on System (Pre-install)
- Asus Copy Protect (Pre-install)
- ASUS Multi-Frame (Driver CD)
- ASUS Wireless Console (Pre-install)
- Asus Net 4 switch (Driver CD)
- [Asus Virtual Camera with new feature](#) (Driver CD)
- [Express Gate](#)
- Power 4 Phone (Driver CD)
- Asus NB Probe + (Pre-install)
- Color Enhancement (Splendid) (Pre-install)
- **ASUS Security Protect Manager 2.0** (Pre-install)
- Infineon Security Platform Host SW (Pre-install)
- Instant Fun PLUS (Pre-install)
- ASUS DVD

Shipment bundle S/W:

- Norton Internet Security 2008 (Pre-install)
 - Adobe Acrobat Reader 8.0 (Pre-install)
 - Power 2 Go (Pre-install)
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Industry Standard Certifications

UL

ASUS Notebook F3Q-AP002E

CE Marking Compliance

FCC Compliance

BSMI

Australia C-TICK / NZ A-Tick Compliance

Japan VCCI Compliance

IDA

CCC

GOST-R

CB

Regulation

- EMI: USA(FCC-B), JAP(VCCI-B), CCC
 - Safety: CE, CB, TUV, UL/cUL, CCIB, CCC
 - Modem: Universal PPT including US(FCC-B), TWN(DGT), PRC (FCC68), JPN(JATE), EURO(CTR21)
 - ROHS, WEEE
 - Energy Star 4.0
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Windows Certification

- Compatibility: Window Vista, WinKey DTM
 - Language: US Int'l, JAP, TWN
 - Supported OS: Windows Vista 32/64 bit
 - Driver WHQL support , Vista (64-bit one Disc)
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Keyboard Language

- Nordic
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