

# Fujitsu LIFEBOOK E8310 Intel® Core™2 Duo T8100 38,1 cm (15") 1 GB DDR2-SDRAM 80 GB Intel® GMA X3100 Windows Vista Business



**Brand :** Fujitsu

**Product family:** LIFEBOOK

**Product code:**  
VFY:E8310MPCH1DE

**Product name :** LIFEBOOK  
E8310

LifebookE8310, Core2Duo T8100 2100MHz, 15" XGA, 1x1024MB, 80GB, DVDRW, VB  
Fujitsu LIFEBOOK E8310. Processor family: Intel® Core™2 Duo, Processor model: T8100, Processor frequency: 2,1 GHz. Display diagonal: 38,1 cm (15"), Display resolution: 1024 x 768 pixels. Internal memory: 1 GB, Internal memory type: DDR2-SDRAM. Total storage capacity: 80 GB, Optical drive type: DVD-RW. Discrete graphics card model: Intel® GMA X3100. Operating system installed: Windows Vista Business. Weight: 2,7 kg

Display		Processor special features	
Display diagonal *	38,1 cm (15")	Intel® Wireless Display (Intel® WiDi)	✗
Display resolution *	1024 x 768 pixels	Intel® My WiFi Technology (Intel® MWT)	✗
Native aspect ratio	4:3	Intel® Anti-Theft Technology (Intel® AT)	✗
Processor		Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor manufacturer *	Intel	Intel® Turbo Boost Technology	✗
Processor family *	Intel® Core™2 Duo	Enhanced Intel SpeedStep Technology	✓
Processor model *	T8100	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor cores	2	Intel Clear Video Technology	✗
Processor threads	2	Intel® InTru™ 3D Technology	✗
Processor frequency *	2,1 GHz	Intel® Insider™	✗
Processor cache	3 MB	Intel® Quick Sync Video Technology	✗
Processor cache type	L2	Intel Flex Memory Access	✗
Processor socket	Socket 478	Intel® AES New Instructions (Intel® AES-NI)	✗
Processor front side bus	800 MHz	Intel Trusted Execution Technology	✗
Processor lithography	45 nm	Intel Enhanced Halt State	✓
Processor operating modes	64-bit	Intel VT-x with Extended Page Tables (EPT)	✗
Processor series	Intel Core 2 Duo T8000 Series	Intel Demand Based Switching	✗
Processor codename	Penryn	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Bus type	FSB	Intel 64	✓
FSB Parity	✗	Execute Disable Bit	✓
Stepping	M0	Idle States	✓
Thermal Design Power (TDP)	35 W	Thermal Monitoring Technologies	✗
Tjunction	105 °C	Processor package size	35 x 35 mm
Number of Processing Die Transistors	410 M	Processor code	SLAVJ
Processing Die size	107 mm²	Embedded options available	✗
CPU multiplier (bus/core ratio)	10,5	Intel Virtualization Technology for Directed I/O (VT-d)	✗
ECC supported by processor	✗	Intel Virtualization Technology (VT-x)	✓
Memory			
Internal memory *	1 GB		
Internal memory type	DDR2-SDRAM		
Memory clock speed	667 MHz		
Memory layout (slots x size)	1 x 1 GB		
Maximum internal memory *	4 GB		
Storage			
Total storage capacity *	80 GB		
HDD interface	SATA		

Storage		Processor special features	
HDD speed	5400 RPM	Intel Dual Display Capable Technology	✗
Optical drive type *	DVD-RW	Intel FDI Technology	✗
Card reader integrated	✓	Intel Rapid Storage Technology	✗
Graphics		Intel Fast Memory Access	✗
Discrete graphics card model *	Intel® GMA X3100	Processor ARK ID	33916
Discrete graphics card *	✓	Conflict-Free processor	✗
Audio		Battery	
Audio system	Realtek ALC262	Number of battery cells	6
Number of built-in speakers	2	Battery capacity	5200 mAh
Camera		Battery life (max)	5,5 h
Front camera	✗	Power	
Network		AC adapter power	80 W
Networking features	Gigabit Ethernet	AC adapter input voltage	100 - 240 V
Bluetooth	✓	AC adapter output current	4,22 A
Bluetooth version	2.0+EDR	AC adapter output voltage	19 V
Ports & interfaces		DC-in jack	✓
USB 2.0 ports quantity *	4	Security	
Ethernet LAN (RJ-45) ports	1	Cable lock slot	✓
DVI port	✗	Cable lock slot type	Kensington
VGA (D-Sub) ports quantity	1	Password protection type	BIOS
Headphone outputs	1	Operational conditions	
S/PDIF out port	✗	Operating temperature (T-T)	5 - 35 °C
Microphone in	✓	Operating relative humidity (H-H)	20 - 85%
Docking connector	✓	Weight & dimensions	
ExpressCard slot	✓	Width	330 mm
CardBus PCMCIA slots quantity	1	Depth	274 mm
CardBus PCMCIA slot type	Type II	Height	38 mm
SmartCard slot	✓	Weight *	2,7 kg
TV-out	✓	Packaging content	
TV-out type	S-Video	AC adapter included *	✓
Parallel ports quantity	1	Other features	
Serial ports quantity	1	BIOS manufacturer	Phoenix TrustedCore
Keyboard		Wireless technology	IEEE 802.11a/g/n
Keyboard keystroke	2,7 mm	Infrared data port	✓
Keyboard key pitch	1,9 cm	Type	PC
Pointing device	Touchpad	TV-in port	✗
Keyboard number of keys	86	HDD user password	✓
Software		Internal modem	✗
Optional operating system supplied	Windows XP Professional		
Operating system installed *	Windows Vista Business		
Bundled software	✓		

## Catalog Object Cloud



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