

Fujitsu LIFEBOOK AH531 Intel® Celeron® B815 39,6 cm (15.6") 2 GB DDR3-SDRAM 320 GB HDD Wi-Fi 4 (802.11n) FreeDOS Black

Brand : Fujitsu

Product family: LIFEBOOK

Product code:
VFY:AH531MRKD5PL

Product name : AH531

AH531 - Intel Celeron Processor B815 (2M Cache, 1.60 GHz), Intel HM65, 15.6" 1366 x 768 TFT (HD), 2GB DDR3 1333MHz max.8GB, 320GB 2.5" HDD, DVD Super Multi DL, Gigabit Ethernet, WLAN 802.11 b/g/n, Bluetooth, WebCam, FreeDOS

Fujitsu LIFEBOOK AH531. Form factor: Clamshell. Processor family: Intel® Celeron®, Processor model: B815, Processor frequency: 1,6 GHz. Display diagonal: 39,6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 2 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 320 GB, Storage media: HDD, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics. Operating system installed: FreeDOS. Product colour: Black. Weight: 2,5 kg



Design		Keyboard	
Product colour *	Black	Windows keys	✓
Form factor *	Clamshell	Software	
Display		Drivers included	✓
Display diagonal *	39,6 cm (15.6")	Operating system installed *	FreeDOS
Display resolution *	1366 x 768 pixels	Processor special features	
LED backlight	✓	Intel® Wireless Display (Intel® WiDi)	✗
Native aspect ratio	16:9	Intel® My WiFi Technology (Intel® MWT)	✗
Display brightness	220 cd/m²	Intel® Anti-Theft Technology (Intel® AT)	✗
Display diagonal (metric)	39,6 cm	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor		Intel® Turbo Boost Technology	✗
Processor manufacturer *	Intel	Enhanced Intel SpeedStep Technology	✓
Processor family *	Intel® Celeron®	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor model *	B815	Intel Clear Video Technology	✗
Processor cores	2	Intel® InTru™ 3D Technology	✗
Processor threads	2	Intel® Insider™	✗
Processor frequency *	1,6 GHz	Intel® Quick Sync Video Technology	✗
System bus rate	5 GT/s	Intel Flex Memory Access	✓
Processor cache	2 MB	Intel® AES New Instructions (Intel® AES-NI)	✗
Processor cache type	L3	Intel Trusted Execution Technology	✗
Processor socket	Socket 988	Intel Enhanced Halt State	✓
Processor lithography	32 nm	Intel VT-x with Extended Page Tables (EPT)	✗
Processor operating modes	64-bit	Intel Demand Based Switching	✗
Processor series	Intel Celeron Processor B800 Series for Mobile		
Processor codename	Sandy Bridge		
Bus type	DMI		
FSB Parity	✗		
Stepping	Q0		
Thermal Design Power (TDP)	35 W		
Tjunction	100 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
PCI Express slots version	2.0	Intel 64	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Execute Disable Bit	✓
Number of processors supported	1	Idle States	✓
CPU multiplier (bus/core ratio)	16	Thermal Monitoring Technologies	✓
ECC supported by processor	✗	Processor package size	37.5x37.5 (rPGA988B)
Memory		Supported instruction sets	SSE4.1, SSE4.2
Internal memory *	2 GB	Processor code	SR0HZ
Internal memory type	DDR3-SDRAM	CPU configuration (max)	1
Memory clock speed	1333 MHz	Embedded options available	✗
Memory slots	2x SO-DIMM	Graphics & IMC lithography	32 nm
Maximum internal memory *	8 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Storage		Intel Virtualization Technology (VT-x)	✓
Total storage capacity *	320 GB	Intel Dual Display Capable Technology	✓
Storage media *	HDD	Intel FDI Technology	✓
Number of HDDs installed	1	Intel Rapid Storage Technology	✗
HDD capacity	320 GB	Intel Fast Memory Access	✓
HDD size	2.5"	Processor ARK ID	63919
Optical drive type *	DVD Super Multi	Conflict-Free processor	✗
Card reader integrated	✓	Integrated 4G WiMAX	✗
Compatible memory cards	Memory Stick (MS), MS PRO, SD, SDHC	Battery	
Graphics		Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card model *	Not available	Number of battery cells	6
On-board graphics card *	✓	Battery capacity	4400 mAh
Discrete graphics card *	✗	Battery capacity *	48 Wh
On-board graphics card family	Intel® HD Graphics	Battery life (max)	7,2 h
On-board graphics card model *	Intel® HD Graphics	Power	
On-board graphics card base frequency	650 MHz	AC adapter power	65 W
On-board graphics card dynamic frequency (max)	1050 MHz	AC adapter frequency	50 - 60 Hz
Maximum resolution	1920 x 1200 pixels	AC adapter input voltage	100 - 240 V
Audio		AC adapter output current	3,25 A
Audio system	HDA	AC adapter output voltage	20 V
Built-in speaker(s)	✓	DC-in jack	✓
Number of built-in speakers	2	Security	
Built-in microphone	✓	Cable lock slot	✓
Camera		Cable lock slot type	Kensington
Front camera resolution (numeric)	1,3 MP	Operational conditions	
Network		Operating temperature (T-T)	5 - 35 °C
Wi-Fi	✓	Storage temperature (T-T)	-15 - 60 °C
Networking features	Gigabit Ethernet, WLAN	Operating relative humidity (H-H)	20 - 85%
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	Certificates	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Wi-Fi certified	✓
Ethernet LAN	✓	Compliance certificates	RoHS
Ethernet LAN data rates	10,100,1000 Mbit/s	Certification	CE, R&TTE, GOST
Bluetooth	✓	Sustainability	
Cabling technology	10/100/1000Base-T(X)	Sustainability certificates	EPEAT Gold, ENERGY STAR
Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	3	Width	378 mm
Ethernet LAN (RJ-45) ports	1	Depth	252 mm
HDMI ports quantity *	1	Height	36,5 mm
DVI port	✗	Weight *	2,5 kg
VGA (D-Sub) ports quantity	1		
Headphone outputs	1		

Ports & interfaces		Packaging content	
S/PDIF out port	✗	AC adapter included *	✓
Microphone in	✓	Manual	✓
ExpressCard slot	✓	Other features	
CardBus PCMCIA slot type	✗	Infrared data port	✗
SmartCard slot	✗	Graphics card family	Intel
Performance		Power supply type	AC/DC
Motherboard chipset	Intel® HM65 Express	Number of products included	1 pc(s)
Keyboard		LAN controller	Realtek RTL8111E
Pointing device	Touchpad	Ethernet interface type	Gigabit Ethernet
Numeric keypad *	✓		
Spill-resistant keyboard	✓		
Keyboard number of keys	106		

Catalog Object Cloud



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