

Data Sheet FUJITSU Notebook LIFEBOOK® U729

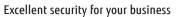
Ultra-Mobile Meets Ultra Secure

The new FUJITSU Notebook LIFEBOOK U729, based on the 8th generation Intel® Core® processor is a slim, light and stylish ultra-mobile notebook for business professionals. With its 12.5-inch screen, light weight of 2.54 lbs., Intel® Thunderbolt™ ports, it provides excellent mobility and portability. Ergonomic viewing is ensured along with outstanding security with the integrated PalmSecure® or finger print sensor. The common port replicator facilitates workplace sharing within today's modern workstyle.



Manage your workday with premium notebooks providing ultimate convenience to maximize your productivity

A remarkably slim 0.75 ins. ultra-mobile notebook starting from 2.54 lbs., HD or FHD display, antiglare, FHD touch panel option, aluminum/magnesium housing and optional backlit keyboard



Enhance your security with outstanding features to best protect your notebook and company data from unauthorized access

 Integrated PalmSecure or finger print sensor, trusted Platform Module 2.0, integrated SmartCard reader



Stay flexible and productive within a modern workplace environment

- Compact and versatile Intel® Thunderbolt™ 3 USB Type-C connector to charge your laptop, transfer files at fast speeds, connect external monitors and other peripherals
- Full set of interfaces with, full-size LAN connector
- Embedded WLAN and Bluetooth®

Convenient upgradeability

Direct access to key components reduces upgrade time and costs

■ Battery, memory and internal storage can be changed easily

Family concept

Reduce your acquisition cost as well as the complexity of your IT equipment

■ Shared components such as the same classic or USB Type-C® port replicator, AC Adapter, keyboard layout, BIOS and bit image across the ultra-mobile LIFEBOOK U family









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Components

Base unit	LIFEBOOK U729
Operating systems	
Operating system pre-installed	Windows® 10 Pro. Fujitsu recommends Windows 10 Pro. Windows 10 Home
Processor	Intel® Core® i7-8665U processor (4 Cores / 8 Threads, 1.9 GHz, up to 4.8 GHz)
	Intel® Core® i7-8565U processor (4 Cores / 8 Threads, 1.8 GHz, up to 4.6 GHz) *
	Intel® Core® i5-8365U processor (4 Cores / 8 Threads, 1.6 GHz, up to 4.1 GHz)
	Intel® Core® i5-8265U processor (4 Cores / 8 Threads, 1.6 GHz, up to 3.9 GHz) *
	Intel® Core® i3-8145U processor (2 Cores / 4 Threads, 2.1 GHz, up to 3.9 GHz) *
	*Processor only for retail, SMB, education and government
Memory modules	4 GB (1 module(s) 4 GB) DDR4, 2,400 MHz, SO DIMM
	8 GB (1 module(s) 8 GB) DDR4, 2,400 MHz, SO DIMM
	16 GB (1 module(s) 16 GB) DDR4, 2,400 MHz, SO DIMM
Hard disk drives (internal)	SSD SATA III, 1024 GB M.2 module, SED
	SSD SATA III, 512 GB M.2 module, SED
	SSD SATA III, 256 GB M.2 module, SED
	SSD SATA III, 256 GB M.2 module
	PCIe-SSD, 1024 GB M.2 NVMe module, SED
	PCIe-SSD, 512 GB M.2 NVMe module, SED
	PCIe-SSD, 256 GB M.2 NVMe module, SED
Hard disk notes	One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software.
	Up to 20 GB of HDD space is reserved for system recovery
	Internal storage interface: S-ATA III or PCIe
Interface add on cards/components (optional)	
WLAN (optional)	Intel® Dual Band Wireless-AC9560 11ac with integrated Bluetooth® 5.0
Display	12.5-inch, LED backlight,(HD),Anti-glare display,magnesium,1,366 x 768 pixel,500:1,220 cd/m²
	12.5-inch, LED backlight,(Full HD),Anti-glare IPS touchscreen,magnesium,1,920 x 1,080 pixel,700:1,260 cd/m²
	12.5-inch, LED backlight,(Full HD),Anti-glare display,magnesium,1,920 x 1,080 pixel,700:1,300 cd/m²
Multimedia	
Camera	Optional: Built-in webcam, HD (Microsoft® Lync™)
Camera notes	720p, 1 megapixels, 1280 x 720
Microphone	dual digital array microphone

Base unit

Base unit	LIFEBOOK U729

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Chipset Integrated Supported Capacity RAM (max.) 32 GB Memory slots 2 SD DIMM (DDR., 2400 MHz] LAN 1010001,000 Milkis Incel*129LM BIOS version U-F1 specification 2-5 BIOS features Incyloche20 Bios Audio type On board Audio Codec Realiex* ALC255 with MaxxAudio Audio features Sterios sposakes MiL-STD lested Sterios sposakes MiL-STD BIOS set results as nor 1 a guarantee of future performance under identified test conditions. Accidental damage is not covered under standard international limited warranty. Display Sterios sposakes SD 9241-907 - Pixel class if HD - Viewing angle: Leth/Right 457, Top 807, Bottom 407, Color Gamut: 45% FHD - Viewing angle: Leth/Right 457, Top 807, Bottom 807, Color Gamut: 45% FHD - Viewing angle: Leth/Right 807, Top 807, Bottom 807, Color Gamut: 45% FHD - Viewing angle: Leth/Right 807, Top 807, Bottom 807, Color Gamut: 45% FHD - Viewing angle: Leth/Right 807, Top 807, Bottom 807, Color Gamut: 45% FHD - Viewing angle: Leth/Right 807, Top 807, Bottom 807, Color Gamut: 45% FHT resolution (DisplayPort) Up 10 1,920 x 1,200 THT resolution (DisplayPort) Up 10 1,920 x 1,200 THT resolution (DISP) Up 10 1,920 x 1,200 THE resolution (DISP) Up 10 1,920 x 1,200	Conserl aurtem information	
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Audio codec Realtek* ALC255 with MaxxAudio Audio features Stereo speakers Wis Selected MILSTD 8106 test results are not a guarantee of future performance under identified test conditions. Accidental damage is not covered under standard international limited warranty. Display Display notes ISO 9241-307 - Pixel dass II HD - Viewing angle: Left/Right 857, Top 807, Bottom 407; Color Garnut: 45%, FHD - Viewing angle: Left/Right 807, Top 807, Bottom 407; Color Garnut: 45%, FHD - Viewing angle: Left/Right 807, Top 807, Bottom 807; Color Garnut: 50% Graphics Base unit UFEBOOK U729 ITF resolution (DisplayPort) Up to 4,996 × 2,160 TIF resolution (DW on Port Replicator) Up to 1,920 x 1,200 TIF resolution (DW on Port		•
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HD - Viewing angle: Left/Right 45", Top 20", Bottom A0"; Color Gamut: 45% FHD - Viewing angle: Left/Right 80", Top 80", Bottom 80"; Color Gamut: 50% Graphics Base unit LIFEBOOK U7:29 IFT resolution (DisplayPort) up to 4,096 × 2,160 IFT resolution (IDMI) up to 1,920 x 1,200 IFT resolution (IDMI) up to 1,920 x 1,200 IFT resolution (IDMI on Port Replicator) up to 1,920 x 1,200 Graphics brand name Intel® UHD Graphics 620 Graphics features 3 Display Support Graphics notes Shared memory depending on main memory size and operating system Interfaces DC-in 1 Audio: line-out / headphone 1 (combo port with Audio line-in) Literal microphone 1 (combo port with Audio line-out) Internal microphone 2 X digital array microphones (optional) USB 3.1 Gen1 (USB 3.0) total 2 X Type-A (1 with Anytime USB charge functionality) Ix Type-C (with Power Delivery functionality) Ix Type-C (with Power Delivery functionality) USB 3.1 Gen2 total 1 x Intel® Hunderbolt® (backward compatible) USB 3.1 Gen2 total 1 x Intel® Hunderbolt® (backward compatible) USB 3.1 Gen2 total 1 x Intel® Thunderbolt® (backward compatible) USB 3.1 Gen2 total 1 x Intel® Thunderbolt® (backward compatible) USB 3.1 Gen2 total 1 (with status LED) Memory card slots 1 (with status LED) Memory card slots 1 (with status LED) Memory card slots 1 (poptional) Port Replicator interfaces (optional) Model: NPR46 DC-in 1 (199) Power on switch 1 (199) Power on switch 1 (1994)	Display	
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Ix Type-C (with Power Delivery functionality) USB 3.1 Gen2 total 1 x Intel® Thunderbolt™ (backward compatible) USB Type-C 1 USB 3.1 Gen2 (10 Gbps), Intel® Thunderbolt™ 3 (20/40Gbps), Power Delivery (15W), DP 1.4 DisplayPort 1 (via USB Type-C adapter) HDMI 1 Ethernet (RJ-45) 1 (with status LED) Memory card slots 1 - SD/microSD card : 2GB - SDHC/microSDHC card : 32GB - SDWC card : 512GB - microSDXC card : 200GB (or 128GB) Speed Class: up to UHS-I SmartCard slot 1 (optional) Port Replicator interfaces (optional) Model: NPR46 DC-in 1 (19V) Power on switch 1 Audio: headphone 1	Internal microphones	2x digital array microphones (optional)
USB Type-C DisplayPort 1 (via USB Type-C adapter) 1 (via USB Type-C adapter) 1 (with status LED) 1 (with status LED) 1 - SD/microSD card : 2GB - SDHC/microSDHC card : 32GB - SDXC card : 512GB - microSDXC card : 200GB (or 128GB) Speed Class: up to UHS-I SmartCard slot 1 (optional) Port Replicator interfaces (optional) Model: NPR46 DC-in 1 (19V) Power on switch 1 1 (SB 3.1 Gen2 (10 Gbps), Intel® Thunderbolt™ 3 (20/40Gbps), Power Delivery (15W), DP 1.4 1 (via USB Type-C adapter) 1 (with status LED) 1 (with status LED) 1 - SD/microSDX card : 2GB - SDHC/microSDHC card : 32GB - SDXC card : 512GB - microSDXC card : 200GB (or 128GB) Speed Class: up to UHS-I SmartCard slot 1 (optional) Port Replicator interfaces (optional) Audio: headphone 1	USB 3.1 Gen1 (USB 3.0) total	
DisplayPort 1 (via USB Type-C adapter) HDMI 1 Ethernet (RJ-45) 1 (with status LED) Memory card slots 1 - SD/microSD card : 2GB - SDHC/microSDHC card : 32GB - SDXC card : 512GB - microSDXC card : 200GB (or 128GB) Speed Class: up to UHS-I SmartCard slot 1 (optional) Port Replicator interfaces (optional) Model: NPR46 DC-in 1 (19V) Power on switch 1 Audio: headphone 1	USB 3.1 Gen2 total	1 x Intel® Thunderbolt™ (backward compatible)
HDMI 1 Ethernet (RJ-45) 1 (with status LED) Memory card slots 1 - SD/microSD card : 2GB - SDHC/microSDHC card : 32GB - SDXC card : 512GB - microSDXC card : 200GB (or 128GB) Speed Class: up to UHS-I SmartCard slot 1 (optional) Port Replicator interfaces (optional) Model: NPR46 DC-in 1 (19V) Power on switch 1 Audio: headphone 1	USB Type-C	1 USB 3.1 Gen2 (10 Gbps), Intel® Thunderbolt™ 3 (20/40Gbps), Power Delivery (15W), DP 1.4
Ethernet (RJ-45) Memory card slots 1 - SD/microSD card : 2GB - SDHC/microSDHC card : 32GB - SDXC card : 512GB - microSDXC card : 200GB (or 128GB) Speed Class: up to UHS-I SmartCard slot 1 (optional) Port Replicator interfaces (optional) Model: NPR46 DC-in 1 (19V) Power on switch 1 (19V) Audio: headphone 1 (19V)	DisplayPort	1 (via USB Type-C adapter)
Memory card slots 1 - SD/microSD card : 2GB - SDHC/microSDHC card : 32GB - SDXC card : 512GB - microSDXC card : 200GB (or 128GB) Speed Class: up to UHS-I SmartCard slot 1 (optional) Port Replicator interfaces (optional) Model: NPR46 DC-in 1 (19V) Power on switch 1 Audio: headphone 1	HDMI	1
- SDHC/microSDHC card : 32GB - SDXC card : 512GB - microSDXC card : 200GB (or 128GB) Speed Class: up to UHS-I SmartCard slot 1 (optional) Port Replicator interfaces (optional) Model: NPR46 DC-in 1 (19V) Power on switch 1 Audio: headphone 1	Ethernet (RJ-45)	
Port Replicator interfaces (optional) Model: NPR46 DC-in 1 (19V) Power on switch 1 Audio: headphone 1	Memory card slots	- SDHC/microSDHC card : 32GB - SDXC card : 512GB - microSDXC card : 200GB (or 128GB)
Model: NPR46 DC-in 1 (19V) Power on switch 1 Audio: headphone 1	SmartCard slot	1 (optional)
Model: NPR46 DC-in 1 (19V) Power on switch 1 Audio: headphone 1	Port Replicator interfaces (optional)	
DC-in 1 (19V) Power on switch 1 Audio: headphone 1		Model: NPR46
Power on switch 1 Audio: headphone 1	DC-in	
·	Power on switch	
·		
	Audio: microphone	1

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Port Replicator interfaces (optional)	
USB 3.1 Gen1 (USB 3.0) total	/v Type A
03b 3.1 dei11 (03b 3.0) total	4x Type-A 2x Type-C
DisplayPort	2
VGA	1
DVI	1
Ethernet (RJ-45)	1 (10/100/1000)
Kensington Lock support	1 (Portrep only, Portrep option with key lock to secure Portrep & System)
Keyboard and pointing devices	
keyboard and pointing devices	Keyboard w/o touchstick (spill-resistant)#Keyboard w/ touchstick#Backlight keyboard w/o touchstick (spill-resistant)
	Number of keyboard keys: 85, Keyboard pitch: 19 mm, Keyboard stroke: 1.7 mm
	Multi gesture touchpad with two mouse buttons Status LED
	Power Button
Wireless technologies	
Antennas	2 Dual band WLAN antennas
Bluetooth	v5.0
WLAN encryption	WEP, WPA, WPA2
WLAN notes	Import and usage according to country-specific regulations.
Power supply	
AC Adapter	19 V / 65 W (3.42 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) slim and light AC-Adapter
·	19 V / 80 W (4.22 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) 0-Watt AC Adapter technology
	19 V / 90 W (4.74 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) AC-Adapter
Notes	65W/80W AC Adapter for usage with system/ 90W AC Adapter for usage with Port Replicator
1st battery options	Li-lon battery 3-cell, 45 Wh
1st battery	Lithium Polymer battery 3-cell
Battery features	Quick Charge: 80% in 1 h
Runtime 1st battery	up to 12 hours
Battery notes	Battery runtime information is based on worldwide acknowledged BAPCo® MobileMark® 2014 (office productivity). Refer to www.bapco.com for additional details. The BAPCo MobileMark Benchmark provides results that enable direct product comparisons between manufacturers. It does not guarantee any specific battery runtime which actually can be lower and may vary depending on product model, configuration, application and power management settings. The battery capacity decreases slightly with every re-charge and over its lifetime.
Noise emission	
Noise emission	Please refer to the Eco Declaration
Dimensions / Weight / Environmental	
Dimensions (W x D x H)	11.89 x 8.23 x 0.75 (non-touch and touch) inch
Weight (lbs)	From 2.44 lbs (non touch), 2.67 (touch) lbs
Weight notes	Weight may vary depending on actual configuration
Operating ambient temperature	41 - 95 °F
Operating relative humidity	20 - 80 %
Product	
Compliance and standards	FCC Part 15B Class B and FCC Part 15C; FCC Part 15E; FCC Part 22/24/27; IC ICES-003 Class B and RSS-210; UL-cUL Listed; RF Human exposure Standard; ENERGY STAR® Qualified MIL-STD-810G. Qualifies for treatment as U.S. Trade Agreements Act ("TAA") compliant finished product. Global RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 7.1

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Additional Software	
Additional software (preinstalled)	McAfee® LiveSafe™ (provides award-winning antivirus protection for your PC and much more. 30 days trial pre- installed) Waves MaxxAudio (audio enhancer) Fujitsu Battery Utility Fujitsu Function Manager
Additional software (optional)	Microsoft Office (buy license to activate the pre-installed Microsoft Office)
	Recovery DVD for Windows
Manageability	
Manageability technology	PXE 2.1 Boot code Wake up from S5 (off mode) WoL (Wake on LAN) Intel® vPro® technology iAMT 11.6 (depending on processor)
Supported standards	WMI (Windows Management Instrumentation) PXE (Preboot Execution Environment) DMI (Desktop Management Interface) SMBIOS (System Management BIOS) CIM (Common Information Model)
Security	
System and BIOS Security	Optional: Trusted Platform Module (TPM 2.0) Absolute Persistence® technology capable BIOS
User Security	Embedded PalmSecure sensor (optional) Embedded fingerprint sensor (optional) Access protection via internal SmartCard reader (optional) Hard disk password User and supervisor BIOS password Workplace Protect (secure authentication solution) Fujitsu AuthConductor (biometric authentication solution)
Warranty period	
Warranty Terms & Conditions	http://solutions.us.fujitsu.com/www/content/support/mobile/warranty/warranty_terms.php
Service Weblink	https://www.shopfujitsu.com/store/Service.jsp

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More information

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