Data Sheet
Fujitsu LIFEBOOK U729X

Multi-Mode Productivity

The FUJITSU Tablet LIFEBOOK U729X is an ultra-light, portable 2-in-1 with a day-long battery that supports multi-mode working style. The device can handle demanding design and illustration based applications with ease using latest Intel processors. It supports USB Type C, comes with the Windows 10 Pro operating system and offers industry-leading PalmSecure® authentication technology for your enterprise security needs.

Multi-mode usage functionality
Designed to take your productivity to the next level, whether you're outdoors or indoors
■ 360° foldable 2 in 1 device with 4 functional working modes and an anti-glare display with 12.5"
  Full HD screen and new (optional) rear camera

Superior security
Protecting your enterprise data with industry-leading palm vein authentication technology
■ Integrated PalmSecure™ feature that provides an unmatched security for your enterprise data

Future-proof connectivity
Future-proof all your connectivity needs with one universal USB Type-C cable to rule them all
■ Equipped with USB Type-C with power delivery functionality

Lightweight and robustness
The robust lightweight device offers you the freedom you need as well as ultimate portability
■ Weighing in at just 1.2 kg
■ Durability is MIL-STD-810G tested

Long battery life
All-day battery life helps you tackle challenges with ease
■ With up to 12.10 hours of battery backup and up to 80% charging in under 1 hour

Components

Base unit	LIFEBOOK U729X
Operating systems	
Operating system pre-installed	Windows 10 Pro. Fujitsu recommends Windows 10 Pro for business. Windows 10 Home
Operating system notes	Windows 10 Support: After the end of the product life Fujitsu will continue to test and support all upcoming Window 10 releases for a period of maximum 5 years – depending on the available extension of hardware services through Fujitsu Warranty top ups. For details please see "Fujitsu Service Statement for Windows 10 Semi-Annual-Channel Support" at http://support.ts.fujitsu.com.
	Intel® Core™ i7-8665U processor (4 Cores / 8 Threads, 1.9 GHz, up to 4.8 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
4 GB (1 4 GB) DDR4, 2,400 MT/s, SO DIMM	
8 GB (1 8 GB) DDR4, 2,400 MT/s, SO DIMM	
16 GB (1 16 GB) DDR4, 2,400 MT/s, SO DIMM	
SSD SATA III, 1024 GB, SED	
SSD SATA III, 512 GB, SED	
SSD SATA III, 256 GB, SED	
SSD SATA III, 128 GB, 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: M.2 SATA
Intel® Dual Band Wireless-AC9560 11ac with integrated Bluetooth 5.0 Import and usage according to country-specific regulations.	
	31.8 cm (12.5-inch), LED backlight, HD, 1,366 x 768 pixel, Anti-glare touchscreen, 220 cd/m², 1,000:1
	31.8 cm (12.5-inch), LED backlight, FHD, 1,920 x 1,080 pixel, Glare IPS touch display, 260 cd/m², 700:1
	31.8 cm (12.5-inch), LED backlight, FHD, 1,920 x 1,080 pixel, Anti-glare touchscreen, 260 cd/m², 700:1
Multimedia	
Camera	Built-in webcam with Status LED, HD (1280 x 720) (1 megapixel); Out camera (on palm rest), 5 megapixel with autofocus
Microphone	dual digital array microphone

Base unit

Base unit	LIFEBOOK U729X
General system information	
Chipset	Integrated in CPU
Supported capacity RAM (min.)	8 GB
Supported capacity RAM (max.)	16 GB
Memory slots	1 LPDDR4 (2400 MHz)
LAN	Built-in 10/100/1,000 MBit/s Intel® I219V
LAN notes	Intel vPro capable

General system information

Integrated WLAN	Intel® Dual Band Wireless-AC9560 11ac with Bluetooth 5.0
BIOS version	UEFI Specification 2.5
BIOS features	InsydeH2O BIOS
Audio type	On board
Audio codec	Realtek ALC255
Audio features	2x digital array microphones, 2x built-in speakers (stereo)
MIL-STD tested	Yes, selected MIL-STD-810G tests passed. MIL-STD-810G test results are not a guarantee of future performance under identified test conditions. Accidental damage is not covered under standard international limited warranty.

Display

Diagonal Size	31.8 cm (12.5-inch)
Display type	Anti-Glare or Glare options
Display Resolution type	FHD
Resolution (native)	1,920 x 1,080 pixel
Aspect ratio	16:9
Brightness - typical	300 cd/m²
Display notes	Wide-view high-bright LED display (for enhanced outdoor viewing). With magnesium display lid. Integrated ambient light sensor for automatic backlight adjustment to the working environment.
Sensors	3-axis Accelerometer Gyroscope Ambient Light Sensor Magnetic Field Sensor Compass
Digitizer / Touch Technology	Wacom Digitizer for pen (AES) input plus capacitive 10 finger multi-touch screen
Ambient light sensor	Integrated
Ambient light sensor notes	While enabled, the ambient light sensor automatically adjusts the display backlight

Graphics

Base unit	LIFEBOOK U729X
TFT resolution (HDMI)	up to 1,920 x 1,200
TFT resolution (VGA)	up to 1,920 x 1,200
TFT resolution (DVI on Port Replicator)	up to 1,920 x 1,200
TFT resolution (DisplayPort on Port Replicator)	up to 2,560 x 1,600
Graphics brand name	Intel® UHD Graphics 620
Graphics features	3 Display Support (2 external, 1 internal) DirectX® 12 OpenGL® 4.4
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)
Audio: line-in / microphone	1 (combo port with Audio line-out)
Internal microphones	2 (digital)
USB 3.1 Gen1 (USB 3.0) total	2x Type-A (1 with Anytime USB charge functionality) 1x Type-C (with Power Delivery functionality)
USB Type-C	1 USB 3.1 Gen2 (10 Gbps)
VGA	1
HDMI	1 v1.4
Ethernet (RJ-45)	1
Memory card slots	1 (SD up to 2GB, SDHC up to 32GB, SDXC up to 128GB) - SD/microSD card : 2GB - SDHC/microSDHC card : 32GB - SDXC card : 512GB - microSDXC card : 200GB (or 128GB) Speed Class: up to UHS-I

Interfaces

SmartCard slot	1 (optional)
SIM card slot	1 (Micro-SIM, only for models with integrated 4G/LTE)
Docking connector for Port Replicator	no
Kensington Lock support	1

Port Replicator interfaces (optional)

	USB Type-C PR
DC-in	1 (19V/90W required)
Power on switch	1
Audio: comments	1 Combo jack for headset usage
DisplayPort	1x V1.2
VGA	1
HDMI text	1
Interface Notes	3x Type-A - 5V/0.9A, 4.5W 1x Type-C - 15W 1x Type-C - Up to 60 W (PD v2.0-1.1) power output to client or 4.5W input
Kensington Lock support	no
Ethernet (RJ-45)	1
Notes	Number of simultaneous used displays and its possible resolutions and frequencies depend on mobile system and display interface type. Please consult always also the manual of the connected client.

Keyboard and pointing devices

	Backlit isolation keyboard
	Number of keyboard keys: 85, Keyboard pitch: 18.4 mm, Keyboard stroke: 1.7 mm
	Multi gesture touchpad with integrated mouse button functionality Tablet Pen, stored in pen garage Touchscreen

Wireless technologies

Antennas	2x dual band for WLAN, 2x for LTE, Bluetooth shared with WLAN
Bluetooth	v5.0
Integrated WLAN	Intel® Dual Band Wireless-AC9560 11ac with Bluetooth 5.0
WLAN encryption	WEP, WPA, WPA2
WLAN notes	Import and usage according to country-specific regulations.
Integrated LTE or UMTS	LTE Sierra Wireless EM7455 (Cat. 6)
LTE/UMTS/GPS notes	Including GPS functionality Import and usage according to country-specific regulations.
GPS	Embedded in 3G/4G module if configured with WWAN
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
AC adapter	19 V / 65 W (3.42 A)
Notes	65W AC Adapter for usage with system/ min. 90W AC Adapter for usage with Port Replicator
Rated voltage range	100 V - 240 V (AC Input)
Rated frequency range	50 Hz - 60 Hz
1st battery options	Lithium Polymer battery 3-cell, 45 Wh
1st battery	Li-Ion battery 3-cell, 45 Wh, 45 Wh
Battery features	Quick Charge: 80% in 1h
Runtime 1st battery	12.10 h
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.

Dimensions / Weight / Environmental

Dimensions (W x D x H)	299 x 209 x 18.79 mm back (w/o rubber feet) mm
	11.77 x 8.23 x 0.74 back inch
Weight	from 1.2 kg
Weight (lbs)	2.65 lbs
Weight notes	Weight may vary depending on actual configuration (including battery pack)
Operating ambient temperature	Running: 5 - 35 °C; Packed -10 - 60 °C
Operating relative humidity	Running: 20 - 80% (relative humidity); Packed: 20 - 80% (relative humidity)
Product	LIFEBOOK U729X
Model	U729X
Europe	CE
	CB
Global	RoHS (Restriction of hazardous substances)
	WEEE (Waste electrical and electronic equipment)
	Microsoft Operating Systems (HCT / HCL entry / WHQL)
	EPEAT® Bronze (dedicated regions)
	ENERGY STAR®
Compliance link	https://sp.ts.fujitsu.com/sites/certificates

Additional Software

Additional software (preinstalled)	Adobe® Reader® (pdf reader)
	CyberLink YouCam (webcam software)
	Fujitsu Display Manager
	Fujitsu DeskUpdate (driver and utility tool)
	ShockSensor Utility
	Power Saving Utility
	Fujitsu Plugfree Network (network management utility)
	EasyGuide online user documentation
	Microsoft Office (1 month trial for new Microsoft® Office 365 customers. Buy Microsoft Office.)
Additional software (optional)	Recovery DVD for Windows®
	Drivers & Utilities DVD (DUDVD) optional
	CyberLink PowerDVD BD (playback software for Blu-ray Disc™)
	CyberLink PowerDVD DVD (playback software for DVD)
	CyberLink YouCam (webcam software)
	Nero (backup and burning software)

Manageability

Security

Physical Security	Kensington Lock support
System and BIOS Security	Absolute Persistence® technology capable BIOS
	EraseDisk (optional)
	Optional: Trusted Platform Module (TPM 2.0)
User Security	Hard disk password
	User and supervisor BIOS password
	Embedded fingerprint sensor (optional)
	Workplace Protect (secure authentication solution)
	Smartcard reader (integrated)
	Embedded PalmSecure™ sensor (optional)

Warranty

Warranty period	2 years (for countries within EMEIA)
Warranty type	Bring-in Service / Collect & Return Service (depending on country)

Product Support - the perfect extension

Recommended Service	9x5, Onsite Response Time: Next Business Day
Spare Parts availability	at least 5 years after shipment, for details see https://support.ts.fujitsu.com/

Recommended Accessories

USB Port Replicator PR09	The Fujitsu USB Port Replicator PR09 is the perfect solution for shared desk environments within a hyperconnected world. It connects your mobile system to your main peripherals with a single USB plug. This Port Replicator is equipped with the most powerful DisplayLink chipset supporting high performance video streaming with Dualhead-DisplayPort. Highest data throughput is guaranteed due to an USB Type-C based Gen2 Hub-Controller enabling up to 10 Gbit/s data streaming. The newest version of USB Power Delivery chipset (PD3.0) provides powerful charging during your workday.	Order Code: S26391-F6007-L500
AES Pen	Take your creativity to the next level, with the most natural pen experience with the AES Pen with replacement stylus tips. With pen nibs that are very thin, you can experience the writing and signing behavior of an ink pen. The pen fits in the device's integrated pen garage.	Order Code: S26391-F1669-L500
PLEVIER MANASSE 14	The Plevier Manasse 14 leather case is a compact and classic carrier for on the go. Available for notebooks up to 14 inches with a padded compartment, the sleeve ensures protection for your device while providing a sleek and subtle design in a black leather nappa shade.	Order Code: S26391-F1193-L62
PLEVIER TACAN 14	The Plevier Tacan 14 leather notebook bag provides a diverse range of features to optimize your carrier needs. With a shoulder strap, fast access pocket on the rear side and two compartments for your device and additional accessories, the bag provides multifunctional and protective space for your belongings. Its brown leather design creates a sleek finish to create a carrier that is high quality in both functionality and appearance.	Order Code: S26391-F1193-L64

More information

In addition to Fujitsu LIFEBOOK U729X, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products
www.fujitsu.com/global/products/computing/

Software
www.fujitsu.com/software/

More information

Learn more about Fujitsu LIFEBOOK U729X, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://ts.fujitsu.com

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