MSI Modern 15 F13MG-023NL sülearvuti Intel® Core™ i3 i3-1315U 39,6 cm (15.6") Full HD 8 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Hõbe

Brand: MSI **Product family: Modern Product code: MODERN 15**

F13MG-023NL

Product name: MODERN 15

F13MG-023NL

MSI Modern 15 F13MG-023NL. Toote tüüp: Sülearvuti, Toote kuju: Kokkukäiv. Protsessori perekond: Intel® Core™ i3, Protsessori mudel: i3-1315U. Ekraani diagonaal: 39,6 cm (15.6"), HD tüüp: Full HD, Ekraani resolutsioon: 1920 x 1080 pikslit. Sisemälu: 8 GB, Sisemälu tüüp: DDR4-SDRAM. Salvestusmaht kokku: 512 GB, Salvestusseade: SSD. Pardagraafika adapteri mudel: Intel Iris Xe Graphics. Installitud operatsioonisüsteem: Windows 11 Home. Toote värv: Hõbe. Kaal: 1,7 kg





Design		Graphics	
	Urban Silver Laptop	On-board graphics card family On-board graphics card model *	Intel Iris Xe Graphics Intel Iris Xe Graphics
Product colour *	Silver	Audio	
Form factor * Market positioning Original brand name	Clamshell Business MSI	Number of built-in speakers Speaker power	2 2 W
Display		Camera	
Display diagonal * Display resolution * Touchscreen * HD type Native aspect ratio	39.6 cm (15.6") 1920 x 1080 pixels x Full HD 16:9	Front camera resolution Front camera HD type Video capturing speed Privacy camera Privacy type	1280 x 720 pixels HD 30 fps ✓ Privacy shutter
Anti-glare screen	10.9	Network	
Display brightness Maximum refresh rate	250 cd/m ² 60 Hz	Top Wi-Fi standard * Wi-Fi standards	Wi-Fi 6E (802.11ax) Wi-Fi 6E (802.11ax)
Processor		Mobile network connection *	X
Processor manufacturer * Processor family * Processor generation Processor model *	Intel® Core™ i3 Intel Core i3-13xxx i3-1315U	WLAN controller model WLAN controller manufacturer Bluetooth Bluetooth version	Intel Wi-Fi 6E AX211 Intel ✓ 5.3
Processor cores	6	Ports & interfaces	
Processor threads Processor boost frequency	8 4.5 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Performance cores Efficient cores	2	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Performance-core Max Turbo Frequency	4.5 GHz	Ethernet LAN (RJ-45) ports HDMI ports quantity *	1 1
Efficient-core Max Turbo Frequency	3.3 GHz	Combo headphone/mic port	✓

Processor		Ports & interfaces	
Processor cache Processor cache type Processor base power Maximum turbo power	10 MB Smart Cache 15 W 55 W	USB Type-C DisplayPort Alternate Mode	1
		Keyboard	
		Pointing device	Touchpad
Memory		Numeric keypad *	✓
Internal memory * Internal memory type Memory clock speed Memory slots Maximum internal memory *	8 GB DDR4-SDRAM 3200 MHz 2x SO-DIMM 64 GB	Keyboard backlit	✓
		Keyboard backlit colour	White
		Software	
		Operating system installed *	Windows 11 Home
Storage	0.02	Battery	
Total storage capacity * Storage media * Total SSDs capacity Number of SSDs installed SSD capacity	512 GB SSD 512 GB 1 512 GB	Number of battery cells Battery capacity *	3 46.8 Wh
		Power	
		AC adapter power	65 W
		Security	
SSD interface	PCI Express 4.0	Cable lock slot	√
NVMe	✓	Cable lock slot type	Kensington
SSD form factor Optical drive type *	M.2	Trusted Platform Module (TPM)	✓ -
Card reader integrated		Trusted Platform Module (TPM) version	2.0
Compatible memory cards	MicroSD (TransFlash)	Weight & dimensions	
Graphics		Width	358.9 mm
Discrete graphics card model *	Not available	Depth	235.9 mm
On-board graphics card *	✓	Height	19.9 mm
On-board GPU manufacturer	Intel	Weight *	1.7 kg
Discrete graphics card *	×	Other features	
		Warranty period	2 year(s)



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