

# ideapad S145-15IGM 81MX003CRM

**Product**

ideapad S145-15IGM

**Region**

EET

**Country/Region**

Romania

**Machine Type**

81MX

**Processor**

Intel Pentium Silver N5000 (4C / 4T, 1.1 / 2.7GHz, 4MB)

**Graphics**

Integrated Intel UHD Graphics 605

**Chipset**

Intel SoC Platform

**Memory**

4GB DIMM DDR4-2400

**Storage**

256GB SSD M.2 2242 PCIe NVMe 3.0x2

**Display**

15.6" FHD (1920x1080) TN 220nits Anti-glare

**Touchscreen**

None

**Optical**

None

**Media Reader**

4-in-1

**Ethernet**

None

**WLAN + Bluetooth**

11ac, 1x1 + BT4.2

**Case Material**

PC / ABS

**Camera**

0.3MP

**Microphone**

Mono

**Color**

Granite Black, IMR

**Keyboard**

Non-backlit, English

**Fingerprint Reader**

None

**TPM**

FW TPM 2.0

**Battery**

Integrated 30Wh

**Power Adapter**

45W Round Tip

**Operating System**

None

**Bundled Software**

None

**Base Warranty**

2-year, Depot

**Bundled Service**

None

**EAN / UPC**

194632100792

**End of Support**

2025-11-09

**Announce Date**

2019-10-09



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# ideapad S145-15IGM Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® Processor or Intel Pentium® Processor								Dimensions	WxDxH: 14.26" x 9.9" x 0.78"; 362.2mm x 251.5mm x 19.9mm
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	4.1 lb / 1.85 kg
	Celeron N4000	2	2	1.1 GHz	2.6 GHz	4MB	DDR4-2400	Intel UHD Graphics 600	Case color	Granite black IMR, granite black texture or platinum grey IMR
	Celeron N4100	4	4	1.1 GHz	2.4 GHz			Case material	PC/ABS plastic	
Pentium Silver N5000	1.1 GHz			2.7 GHz	Intel UHD Graphics 605			Camera	0.3MP, fixed focus, integrated monaural microphone	
									Audio support	HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, monaural microphone, headphone / microphone combo jack
Graphics	Intel UHD Graphics 600 or 605 in processor only; supports external digital monitor via HDMI; supports dual independent display; Max resolution: 3840x2160@30Hz (HDMI)								Keyboard	6-row, multimedia Fn keys, numeric keypad
									Touchpad	Buttonless mylar surface multi-touch touchpad
Chipset	Intel SoC (System on Chip) platform								Security	Power-on password, hard disk password, supervisor password
									Memory	8GB max offering / 2400MHz DDR4, one DDR4 SO-DIMM socket
Display	One of the following, configurable by model: <ul style="list-style-type: none"><li>15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio</li><li>15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio</li></ul>								Security chip	Firmware TPM 2.0 integrated in chipset
Multi-touch	None								Fingerprint reader	None
Storage	One of the following, configurable by model: <ul style="list-style-type: none"><li>HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm</li><li>SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)</li><li>M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s</li><li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s</li></ul>								Battery	Integrated Li-ion 30Wh or 35Wh battery
Optical	None								Max battery life	MobileMark® 2014: 5.5 hr (30Wh) or 6 hr (35Wh) * Battery life varies significantly with settings, usage, & other factors
									AC adapter	45W round tip AC adapter
Ethernet	None								Preload (opt)	Preloaded operating system <ul style="list-style-type: none"><li>Windows® 10 Home 64</li><li>Windows 10 Home in S mode</li></ul> Preloaded applications (only some listed) <ul style="list-style-type: none"><li>Microsoft Office 365 Personal</li><li>Microsoft Office Home and Student 2019</li><li>Microsoft Office Trial (with 30-day license)</li></ul>
WLAN	802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card								Limited warranty	One of the following, configurable by model: <ul style="list-style-type: none"><li>1-year depot repair service</li><li>2-year/1-yr battery depot repair service</li></ul>
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Environment	ENERGY STAR® 7.0; ErP lot3; RoHS-compliant
Media reader	4-in-1 media reader (MMC, SD, SDHC, SDXC)									
Ports	One USB 2.0, two USB 3.1 Gen 1, 4-in-1 media reader (MMC, SD, SDHC, SDXC), HDMI 1.4b, AC power adapter jack, headphone / microphone combo jack * Depending on many factors, actual data transfer speed may be lower than theoretical speed									

Note: The specifications above may not be available in all regions.

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