ComX Computers
Product Specification Sheet

MODERN 14S AI+ G3MG-020ZA

MSI Modern 14S AI+ G3MG Core Ultra 3 Notebook Ultra 7 355 4.7GHz 16GB 512GB 14" WUXGA Intel Graphics BT Win 11 Home

Product Overview

MSI Modern 14S AI+ G3MG series Core Ultra Series 3 MODERN 14S AI+ G3MG-020ZA Silver Notebook, Intel Core Ultra 7 355 Series 3 Eight (8) Core Panther Lake Turbo Boost up to 4.7Ghz 12MB L3 Cache Processor (4 Perfomance Cores & 4 Low Power Efficient Cores), 16GB DDR5-5600 SO-Dimm Memory (1x16GB), Supports 64GB Max Mem, 2 Memory slots, 512GB SSD Solid State Hard Drive PCIe, M.2 2280 slot, NO optical drive (No CD), 14" WUXGA (1920 x 1200 resolution) Glossy Type OLED Backlit Display, Intel Graphics, Intel NPU Peak 49 TOPS, 802.11ax Wi-Fi 6, 10/100/1000 Gigabit Ethernet LAN, Bluetooth, Webcam, 3 Cell Battery, Backlit Keyboard, 2x Type-C (USB3.2 Gen2 / DisplayPort / Power Delivery 3.0), 2x Type-A USB3.2 Gen1, HDMI output, Micro SD Card Reader, 1.6 kg, Microsoft Windows 11 Home 64 bit, 2 Year Carry in warranty











Specifications

Summary Overview:

The MSI Modern 14S AI+ G3MG is a lightweight 14-inch Copilot+ laptop built for professionals, students and everyday users who need fast, reliable performance. Powered by the Intel Core Ultra 7 355 processor, 16GB DDR5 memory, a fast 512GB PCIe SSD and a vibrant WUXGA OLED display, it delivers responsive multitasking, AI-enhanced productivity and excellent portability. Buy now to enjoy a premium Windows 11 laptop designed for work, study and entertainment.

The MSI Modern series is widely appreciated for its slim design, dependable performance and quality displays. Buyers commonly praise its comfortable keyboard, portability and long battery life, making it a popular choice for business users, university students, remote workers and anyone looking for a stylish everyday productivity laptop with modern AI capabilities. Shop now to upgrade your daily workflow.

Laptop performance tier: Upper Mid-Range Productivity / AI Laptop

Uses: Office productivity, business applications, university studies, remote work, web browsing, video conferencing, content consumption, light photo editing, multitasking, AI-assisted workflows

Overview:

The MSI Modern 14S AI+ G3MG is a lightweight 14-inch laptop designed for professionals, students, and anyone who needs reliable performance on the move. Powered by the latest Intel Core Ultra 7 Series 3 processor with built-in AI capabilities, it delivers responsive multitasking, excellent everyday performance, and enhanced productivity for modern workloads.

Its slim aluminium chassis, vibrant OLED display, and advanced connectivity make it a practical choice for work, study, entertainment, and content creation. With Windows 11 Home, fast DDR5 memory, PCIe SSD storage, and AI-powered performance enhancements, this notebook is built to keep up with demanding daily tasks.

Built for Everyday Productivity

Whether you're working from the office, studying, or travelling, the MSI Modern 14S AI+ combines performance with portability. The Intel Core Ultra 7 355 processor features 8 cores with Turbo Boost speeds up to 4.7GHz, delivering smooth performance for multitasking, productivity software, video conferencing, and AI-enhanced applications.

The integrated Intel NPU provides up to 49 TOPS of AI processing, helping accelerate supported AI workloads while improving overall efficiency.

Features:

Brilliant 14-Inch OLED Display

Enjoy vivid colours and sharp detail on the 14-inch WUXGA (1920 x 1200) OLED display. The taller 16:10 aspect ratio provides extra screen space for documents, spreadsheets, and web browsing, making everyday work more comfortable.

The display also offers Low Blue Light and Flicker-Free technology to reduce eye strain during extended use.

Slim, Lightweight Design

Designed for portability, the silver aluminium chassis offers a premium appearance while remaining easy to carry. Weighing approximately 1.6kg, the Modern 14S AI+ fits comfortably into backpacks and laptop bags, making it ideal for commuting or travelling.

The 180-degree lay-flat hinge also makes screen sharing simple during meetings or collaborative work.

Fast Memory and Storage

The notebook includes:

- 16GB DDR5-5600 memory
- Expandable memory up to 64GB
- 512GB PCIe SSD
- Dual memory slots for future upgrades

This combination provides quick boot times, responsive application loading, and smooth multitasking.

AI-Ready Performance

Built as a Copilot+ PC, the MSI Modern 14S AI+ is designed to take advantage of the latest AI-powered Windows experiences. The Intel Core Ultra platform combines CPU, GPU, and dedicated AI acceleration to improve productivity, content creation, and everyday computing.

Comprehensive Connectivity

Connect your accessories and displays with a wide range of ports, including:

- 2 x USB 3.2 Gen2 Type-C with DisplayPort and Power Delivery 3.0
- 2 x USB 3.2 Gen1 Type-A
- HDMI output
- Gigabit Ethernet (RJ45)
- MicroSD card reader
- Audio combo jack

The notebook also supports multiple external displays through HDMI and USB Type-C connections.

Reliable Wireless Connections

Stay connected with modern networking technology, including:

- Wi-Fi 6
- Bluetooth
- Gigabit Ethernet
- Integrated webcam

These features make remote work, online meetings, streaming, and file transfers fast and reliable.

Comfortable Daily Use

The MSI Modern 14S AI+ is designed for comfortable long-term use with thoughtful features such as:

- Backlit keyboard
- Large Action Touchpad
- Quiet cooling system
- Smart Dust Cleaning technology
- Hi-Res Audio and DTS sound enhancement

Key Highlights

- Intel Core Ultra 7 355 eight-core processor
- Intel AI NPU with up to 49 TOPS
- Windows 11 Home
- 14-inch WUXGA OLED display

- Intel integrated graphics
- 16GB DDR5 memory
- 512GB PCIe SSD
- Lightweight aluminium chassis
- Backlit keyboard
- Wi-Fi 6 and Bluetooth
- USB-C with DisplayPort and Power Delivery
- HDMI output
- MicroSD card reader
- Gigabit Ethernet

Specifications:

Item	Modern 14S AI+ G3MG
	Copilot+ PC
CPU	Up to Intel Core Ultra Series 3
OS	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
	Windows 11 Pro
Display	14" FHD+ (1920x1200), 48-120Hz VRR, IPS-Level
	Low blue light& Flicker free certified by SGS
	SGS Eye Care Display
	14" FHD+ (1920x1200), OLED, 100% DCI-P3
	Low blue light& Flicker free certified by SGS
	SGS Eye Care Display
Graphics	Intel Graphics
Memory	Up to DDR5-5600
	Max 32GB
	2 Slots
	*The actual frequency will vary by memory combination and CPU capability.
Storage Capability	1x M.2 SSD slot (NVMe PCIe Gen4)
	"Please consult service center for upgrading SSD."
Security	Firmware Trusted Platform Module(fTPM) 2.0
	Microsoft Pluton Security Technology
	Secured-core PCs
	Webcam Shutter
Webcam	IR HD type (30fps@720p)
	3D Noise Reduction (3DNR)
Keyboard	Single Backlit Keyboard (White) with Copilot Key
	Smudge-resistant keyboard

Communication	Gb LAN
	802.11 ax Wi-Fi 6E + Bluetooth v5.3
Audio	2x 2W Speaker
	Array Microphone
Audio Jack	1x Mic-in/Headphone-out Combo Jack
Sensor	1x Fingerprint (Optional)
I/O ports	1x RJ45
	2x Type-C (USB3.2 Gen2 / DisplayPort / Power Delivery 3.0)
	2x Type-A USB3.2 Gen1
	1x Micro SD Card Reader
	1x HDMI 2.1 (4K @ 60Hz)
Battery	3-Cell
	60Whr Battery (Whr)
Adapter	65W PD adapter
Dimension (WxDxH)	315.9 x 223.9 x 17.9 mm
Weight (w/ Battery)	1.38 (OLED) /1.50 (IPS) kg
Color	Urban Silver

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/Buy-Notebooks-Laptops-MODERN-14S-AI-G3MG-020ZA-MSI-lp-338006.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-21 04:31:03.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.