

ASUS PROART Z890-CREATOR WIFI Intel Z890 LGA 1851 (Socket V1) ATX

Model: 90MB1JD0-M0EAY0

Manufacturer: ASUS

EAN: 4711387766163

Product Code: 805482

R11,772

This motherboard manifests a professional, elegant and precise vision for content creators of all kinds, with a style elevated by tone-on-tone layers of black infused with metallic gold touches. A subtly designed I/O cover provides a sleek and sophisticated look while concealing the premium connectors within.

All You Need for Maximum Productivity

Thunderbolt™ Connectivity

Get immersed in your creations with two Thunderbolt™ 5 and one Thunderbolt™ 4 ports for connecting to all your compatible content-creation gadgets, enjoying up to 80 Gbps of bi-directional bandwidth, and up to 120 Gbps with Bandwidth Boost. To further push your creative work with one

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

8K or two 4K color-accurate monitors, you can connect your discrete graphics card to the onboard DisplayPort™ In port on the rear I/O panel and direct the video output via the Thunderbolt™ 5 port*. *DP In cable not included.

Ultrafast Networking

10 Gb & 2.5 Gb Ethernet

Dual Ethernet ports provide fast data transfers simultaneously for 2.5G internet streaming or uploading and 10G for local network-attached storage (NAS), allowing for improved data organization and security.

WiFi 7

The revolutionary WiFi 7 is up to 4.8X faster than standard WiFi 6, thanks to technology like 320 MHz channels on the 6 GHz band and 4K QAM*. Multi-Link Operation (MLO) provides a more stable WiFi connection and lower latency, unlocking the realms of the unknown in gaming, streaming and industrial IoT.

ASUS WiFi Q-Antenna

Dual transceivers support the 2.4, 5 and 6 GHz bands to enable faster throughput, with directional sensitivity to improve signal quality and cover greater distances.

PCIe 5.0 Support

The ProArt Z890-CREATOR WIFI offers PCIe 5.0 support to give unfettered bandwidth to the fastest SSDs and graphics cards available.

Five Onboard M.2 Slots

ProArt Z890-CREATOR WIFI features one PCIe 5.0 M.2 slot and four PCIe 4.0 M.2 slots to enjoy the fastest data transfers of up to 128 Gbps*, and all M.2 slots support NVMe RAID configurations to take advantage of the latest available speeds.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

PCIe 5.0 Expansion Slots

Both of the x16 expansion slots are PCIe 5.0, offering incredible speeds of up to 64 GB/s for compatible devices. To bear the brunt of massive graphics cards, they are also protected with SafeSlot retention brackets, and the top slot can be released easily via Q-Release Slim.

Seamless Dual-PC Sharing with Thunderbolt™ Share

Experience a revolutionary way to interact with two PCs using Thunderbolt™ Share—the ultrafast connectivity solution that transforms your dual-PC setup. Seamlessly share screens, keyboards, mice, storage and files between two computers, with the unparalleled speed of Thunderbolt™ technology.
*A certified Thunderbolt™ or USB4® cable is required to meet minimum bandwidth requirements. Cable not included.

The Core of Your Powerful Workstation

Robust Power Design

Designed to meet the needs of high-core-count CPUs, the ProArt Z890-CREATOR WIFI features 16(90A)+1(90A)+2(90A)+2(80A) power stages that integrate high-side and low-side MOSFETs and drivers into packages rated for up to 90 amps each. This configuration ensures optimal power delivery, efficiency, stability and performance for new Intel® Core™ Ultra Processors (Series 2).

Eight-Layer PCB Design

This enhances quick heat dissipation around the voltage regulators for enhanced stability and overclocking.

ProCool II Connectors

These are built to tight specifications to ensure flush contact with PSU power lines. The resulting lower impedance helps to prevent hotspots and connector failure.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

Superior Chokes & Capacitors

These are engineered to resist extreme temperatures, providing a higher level of performance than the industry standard.

Digi+ VRM Control

The ASUS Digi+ voltage-regulator module (VRM) is one of the finest in the industry and ensures ultra-smooth power delivery to the CPU.

Intelligent AI Solutions

AI Overclocking

Maximized CPU performance and predictions for ideal CPU and cooling settings push your system to its limits.

AI Cooling II

Balance the thermals and acoustics of any build with a single click.

AI Networking II

Optimize network performance, helping to ensure seamless connectivity and maximized WiFi 7 speeds.

AI Advisor

Using AI technology to understand natural-language questions or scenario descriptions, ASUS AI Advisor allows users to explore the functionality and advanced features of ASUS motherboards in a simple and straightforward way.
* Availability of ASUS AI Advisor may vary by region.

Performance Boost

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

NPU Boost

The integrated Neural Processing Unit in Intel® Core™ Ultra Processors (Series 2) efficiently accelerates AI workflows — and NPU Boost lets you do more with it. This BIOS feature overclocks the NPU with just one click, increasing performance by up to 24%*.
* Results were with an Intel® Core™ Ultra 9 285K processor, ROG Maximus Z890 Extreme motherboard, GeForce RTX™ 4090 24GB graphics card, and XPG Lancer DDR5 memory modules (model AX5U6000C4016G). Individual results may vary.

Memory

The ProArt Z890-CREATOR WIFI enhances DDR5 performance by providing overclocking options that would otherwise be locked, whether you are dealing with high-speed or entry-level memory modules.

DIMM Fit

DIMM Fit is an ASUS-exclusive BIOS feature that precisely analyzes individual memory modules to optimize performance and pinpoint potential issues. This offers peak efficiency, compatibility and system stability.
Whether you are an overclocker seeking ultimate performance, a competitor pursuing the most responsive gameplay or a content creator prioritizing rock-solid stability, DIMM Fit provides optimizations tailored to your needs and your hardware configuration.

AEMP III

ASUS Enhanced Memory Profile III (AEMP III) is an advanced firmware feature that empowers users to achieve unparalleled memory performance with cutting-edge CUDIMM memory. Through a two-phase comprehensive tuning process, AEMP III first optimizes the clock driver and then the memory frequency. This results in the best balance between performance and stability, even at cutting-edge speeds of DDR5-8000 or higher.*
*Results may vary. Currently, only 2-DIMM configurations are supported. Results are based on a test with an Intel Core Ultra 9 285K processor and 2x16GB SK Hynix DDR5-6400 Clocked Unbuffered

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

DIMM RAM, model HMCG78AHBCA326N.

PCIe® Slot Q-Release Slim

With PCIe Slot Q-Release Slim, simply tilt the card toward the latching mechanism to automatically unlock it from the PCIe slot. This makes upgrades and maintenance easier than ever before. Users no longer need to fiddle with a tricky latch or even press a button to release their graphics card from the slot.

M.2 Q-Release

The new M.2 heatsink features a convenient switch to quickly remove it, eliminating the need for tiny screws during SSD installation. Its strong locking mechanism also provides a snug contact surface, helping to ensure reliable heat dissipation for your SSD.

M.2 Q-Slide

A new sliding M.2 latch design supports sizes 2242, 2260 and 2280 for easy device installation.

New M.2 Q-Latch

The innovative ASUS Q-Latch makes it easy to install or remove an M.2 SSD without the need for specific tools or screws. This design employs a simple locking mechanism to secure the drive and neatly detach it with one tap.

Q-Antenna

With Q-Antenna, attaching a WiFi antenna to your PC is now easy and fast. Instead of slowly rotating two fasteners until they finally lock in, they just snap into place. Less hassle, and more consistent performance.

The Power of Minimalist Design

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

A spark of inspiration can breathe life into a concept that leads to a masterpiece. ProArt is a comprehensive ecosystem providing professional creators with a stable foundation for your inspiration. These custom workstations feature award-winning ProArt motherboards, graphics cards, CPU coolers and chassis, pairing with ProArt displays to accelerate your creative workflow and bring the boldest visions and ideas to life.

Everything You Need to Optimize Workflow

Customize Your Personal Settings

ProArt Creator Hub is your personal portal to monitor your PC status, personalize settings or optimize your workflow. It features an intuitive overview dashboard, with quickly switchable fan profiles and performance modes.

Color Management

One of the most important things for creators is color. The top right corner allows easy access to the Color Management feature. This includes the Screen Color Picker and Image Color Extractor that make it simple to get a detailed color analysis and color information, and you can use the Color Palette to build your personal color preferences. You will also find color trends and color palettes created by the professionals at the ASUS Design Center.

WorkSmart

To streamline your workflow, you can select up to 8 apps to be launched at the same time with a single desktop shortcut.

Security Control and Remote Management

Advanced security management functions from ASUS Control Center Express protect the PCs and confidential data in your creative studio.

USB Port Management

Enable or disable the USB port, or set it to Read Only to prevent data leaks.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

Software Blacklist

For added security, a software blacklist is available to help prevent the use of high-risk applications.

Registry Editor On/Off

Remotely disable the Registry Editor on client devices to prevent unauthorized changes to system configurations.

Upgraded User Experience

BIOS Q-Dashboard and ASUS DriverHub make it easy to set up and maintain your PC, while ASUS GlideX delivers a variety of display and control options.

ASUS DriverHub

ASUS DriverHub streamlines the installation and management of ASUS drivers and utilities to keep your hardware up-to-date and perform optimally. This standalone application automatically detects current driver versions and presents available updates in a list view. Users are invited to install ASUS DriverHub after OS installation.

ASUS GlidEx

A cross-device, cross-platform screen-sharing, screen-control and operation solution for enhanced productivity across PCs, tablets and smartphones via USB or WiFi. It is compatible with Windows, macOS, Android and iOS.

Trusted Stability

ProArt Z890-CREATOR WIFI is engineered and rigorously tested to offer superior quality, stability and compatibility to ensure that it empowers creativity for years to come.

Three Months of Free Adobe Creative Cloud

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

Enjoy all things AI at Adobe. Get complimentary membership to Adobe Creative Cloud all Apps and Adobe Substance 3D with the purchase of selected ASUS products.

In Search of Sustainable Solution

ASUS is on a mission to create a sustainable future where all can flourish on the planet we call home. Every step counts, and as part of ASUS’s commitment to creating a more sustainable future, ASUS has begun to utilize post-consumer recycled (PCR) plastic and paper materials certified by the Forest Stewardship Council® (FSC®) in the packaging of motherboards.
Join us on our journey as we make the world a better place.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950