

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

**Brand :** ASUS

**Product code:** 90MB1JD0-M0EAY0

**Product name :** PROART Z890-CREATOR WIFI

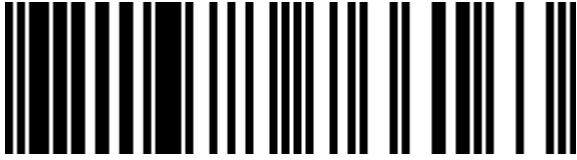
The ProArt Z890-CREATOR WIFI empowers creators of all levels by maximizing the performance of the latest Intel® Core™ Ultra Processor (Series 2) processors with 16+1+2+2 team power stages, DDR5 slots, PCIe® 5.0 and lightning-fast connectivity including dual Thunderbolt 5 ports, 10G and 2.5G Ethernet, and WiFi 7.

ASUS PROART Z890-CREATOR WIFI. Processor manufacturer: Intel, Processor socket: LGA 1851 (Socket V1), Compatible processor series: Intel Core Ultra (Series 2). Supported memory types: DDR5-SDRAM, Maximum internal memory: 192 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Maximum resolution: 7680 x 4320 pixels. Ethernet interface type: 2.5 Gigabit Ethernet, 10 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi standards: Wi-Fi 7 (802.11be)



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 2.0 ports quantity *	1
Processor socket *	LGA 1851 (Socket V1)	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6
Compatible processor series *	Intel Core Ultra (Series 2)	Ethernet LAN (RJ-45) ports *	2
Supported processor sockets	LGA 1851	HDMI ports quantity *	1
Memory		HDMI version	2.1
Supported memory types *	DDR5-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	DisplayPort version	2.1
Memory slots type	DIMM	Headphone outputs	1
Memory channels	Dual-channel	Line-in	✓
ECC compatibility	Non-ECC	Thunderbolt ports quantity	3
Supported memory clock speeds	9066 MHz	WiFi-AP antenna jack	2
Supported memory clock speed (max)	9066 MHz	Network	
Maximum internal memory *	192 GB	Ethernet LAN	✓
Unbuffered memory	✓	Ethernet interface type	2.5 Gigabit Ethernet, 10 Gigabit Ethernet
Storage controllers		Wi-Fi *	✓
Supported storage drive types	HDD & SSD	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Supported storage drive interfaces *	M.2, SATA III	Wi-Fi standards	Wi-Fi 7 (802.11be)
Number of HDDs supported	4	Bluetooth	✓
Number of storage drives supported	9	Bluetooth version	5.4
RAID support	✓	Features	
RAID levels	0, 1, 5, 10	Motherboard chipset *	Intel Z890

Graphics		Features	
Parallel processing technology support *	Not supported	Audio chip	Realtek ALC1220P
Maximum resolution	7680 x 4320 pixels	Audio output channels *	7.1 channels
Internal I/O		Product colour	Black
USB 2.0 connectors *	1	Component for *	PC
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Motherboard form factor *	ATX
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Motherboard chipset family *	Intel
Number of SATA III connectors *	4	Power source type	ATX
Front panel audio connector	✓	Expansion slots	
Front panel connector	✓	PCI Express x16 (Gen 4.x) slots	1
ATX Power connector (24-pin)	✓	PCI Express x16 (Gen 5.x) slots	2
CPU fan connector	✓	Number of M.2 (M) slots	5
Number of CPU fan connectors	2	1st M.2 largest key size	22110
Number of chassis fan connectors	5	1st M.2 highest PCI Express generation	5.0
Chassis intrusion connector	✓	2nd M.2 largest key size	2280
EPS power connector (8-pin)	✓	2nd M.2 highest PCI Express generation	4.0
Number of EPS power connectors (8-pin)	2	3rd M.2 largest key size	2280
Number of COM connectors	1	3rd M.2 highest PCI Express generation	4.0
TPM connector	✓	4th M.2 largest key size	2280
12V power connector	✓	4th M.2 highest PCI Express generation	4.0
Number of water pump connectors	1	5th M.2 largest key size	2280
Number of temperature sensor headers	1	5th M.2 highest PCI Express generation	4.0
RGB LED pin header	✓	BIOS	
Number of RGB LED pin headers	3	BIOS type *	UEFI AMI
		BIOS memory size	256 Mbit
		Clear CMOS button	✓
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA
		Antenna included	✓



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