## GIGABYTE Z890 AORUS MASTER emaplaat Intel Z890 LGA 1851 (Socket V1) ATX

Brand : GIGABYTE Product code: Z890 AORUS MASTER

**Product name :** Z890 AORUS MASTER

GIGABYTE Z890 AORUS MASTER. Protsessori tootja: Intel, Protsessori pesa: LGA 1851 (Socket V1), Ühilduvad protsessoriseeriad: Intel Core Ultra (Series 2). Toetatud mälutüübid: DDR5-SDRAM, Maksimaalne sisemälu: 256 GB, Mälupesa tüüp: DIMM. Kõvaketta ühenduse tüüp: M.2, SATA III, Toetatud ketaste tüübid: HDD & SSD, RAID-tasemed: 0, 1, 5, 10. Ethernet-liidese tüüp: 10 Gigabit Ethernet, Wi-Fi standard: Wi-Fi 7 (802.11be), WiFi-standardid: Wi-Fi 7 (802.11be). Komponent: PC, Emaplaadi kujutegur: ATX, Emaplaadi kiibistik: Intel





Processor manufacturer * Intel LGA 1851 (Socket V1) Ethernet interface type 10 Gigabit Ethernet Compatible processor series * Intel Core Ultra (Series 2) Wi-Fi * ✓  Supported processor sockets LGA 1851 Top Wi-Fi standard Wi-Fi 7 (802.11be) Maximum internal memory 256 GB Wi-Fi standards Wi-Fi 7 (802.11be) Wi-Fi 7 (80	Processor			Network	
Processor socket * LGA 1851 (Socket V1) Ethernet interface type		acturor *	Intol		
Compatible processor series * Intel Core Ultra (Series 2)  Wi-Fi *  Validation of the processor sockets  LGA 1851  Top Wi-Fi standard  Wi-Fi 7 (802.11be)  Wi-Authory  Wi-Authory  Wi-Authory  Wi-Authory  Wi-Authory  Wi-Authory  Wi-Authory  Wi-Auth					
Supported processor sockets  LGA 1851  Top Wi-Fi standard  Wi-Fi 7 (802.11be)  Wi-Fi 4 Wi-Fi 7 (802.10be)  Wi-Fi 4 Wi-Fi 7 (802.10be)  Wi-Fi 4 Wi-Fi 7			,	**	3
Maximum internal memory supported by processor 256 GB Wi-Fi standards Wi-Fi (802.11be)  Wi-Fi standards Wi-Fi (802.11be)  Intel Wi-Fi 7 BE200  Inte			, ,	Wi-Fi *	✓
Supported by processor  **Image of memory your symbol summer of memory your symbol supported memory your symbol supported memory your symbol supported memory your symbol supported memory your symbol symbol supported memory your symbol symbo	• • • • • • • • • • • • • • • • • • • •		LGA 1851	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
WLAN controller model Intel Wi-Fi 7 BE200  wupsprted memory types * upported memory types * upported memory types * upported memory types * upported memory due * upported upported memory due * upported memory due * upported memory due * upported			256 GB	Wi-Fi standards	Wi-Fi 7 (802.11be)
Section   Sec				WLAN controller model	Intel Wi-Fi 7 BE200
Monthermory Chamers   Dailer   Monthermory Chamers   Dailer   Da	Supported memory types *			Bluetooth	✓
Soon_Seas_00s_600_00s_00s_00s_00s_00s_00s_00s_00	Memory slots type Memory channels	DIMM Dual-channel		Bluetooth version	5.4
Motherboard chipset * Intel Z890	ECC compatibility Supported memory clock speeds	5600,5800,6000,6200,6400,6600	,7000,7200,7400,7600,7800,7900,7950,8000,8200,8266,8400,8600,9500	Features	
Audio output Channels * 5.1 channels product colour Black  Froduct colour Black  Storage controllers PC health monitoring Fan, Temperature, Voltage  Supported storage drive types HDD & SSD Component for * PC  Supported storage drive interfaces * M.2, SATA III Motherboard form factor * ATX  Number of HDDs supported 9 Motherboard chipset family * Intel  Number of storage drives supported 4 Windows operating systems supported with supported vertical product of the supported with support vertical product of the supported with support vertical product of the support vertical product vertical prod	Supported memory clock speed (max)			Motherboard chipset *	Intel Z890
Storage controllers  Supported storage drive types HDD & SSD Component for * PC Supported storage drive interfaces * M.2, SATA III Motherboard form factor * ATX Number of HDDs supported 9 Motherboard chipset family * Intel Number of storage drives supported 4 Windows operating systems supported  RAID support ✓ Windows operating systems supported  RAID levels 0, 1, 5, 10 Expansion slots  Graphics Number of M.2 (M) slots 5  DirectX version 12.0 BIOS  Internal I/O  USB 2.0 connectors * 2  USB 3.2 Gen 1 (3.1 Gen 1) Connectors * 1  USB 3.2 Gen 2x2 connectors 1  USB 3.2 Gen 2x2 connectors 1  Product colour Black Fan, Temperature, Voltage F	Maximum internal memory * Supported memory module		2.450, 2350, 4050, 4050, 5450	Audio output channels *	5.1 channels
Supported storage drive types HDD & SSD Component for * PC Supported storage drive interfaces * M.2, SATA III Motherboard form factor * ATX Number of HDDs supported 9 Motherboard chipset family * Intel Number of storage drives supported 4 Windows operating systems supported RAID support	capacities		5, 24GB, 32GB, 40GB, 48GB, 04GB	Product colour	Black
Supported storage drive interfaces * M.2, SATA III Motherboard form factor * ATX  Number of HDDs supported 9 Motherboard chipset family * Intel  Number of storage drives supported 4 Windows operating systems supported  RAID support	Storage controllers		PC health monitoring	Fan, Temperature, Voltage	
Number of HDDs supported 9 Motherboard chipset family * Intel Number of storage drives supported 4 Windows operating systems RAID support ✓ Supported Windows 11 x64  RAID levels 0, 1, 5, 10 Expansion slots  Graphics Number of M.2 (M) slots 5  DirectX version 12.0 BIOS  Internal I/O  USB 2.0 connectors * 2  BIOS memory size 256 Mbit  ACPI version 5.0  Clear CMOS jumper ✓  USB 3.2 Gen 2x2 connectors 1  Clear CMOS button ✓	Supported storage drive types		HDD & SSD	Component for *	PC
Number of storage drives supported 4 Windows operating systems supported Support ✓ Supported Su	Supported storage drive interfaces		M.2, SATA III	Motherboard form factor *	ATX
RAID support  RAID levels  0, 1, 5, 10  Expansion slots  Number of M.2 (M) slots  5  DirectX version  12.0  BIOS  Internal I/O  USB 2.0 connectors *  2  BIOS memory size  ACPI version  5.0  Clear CMOS jumper  Vindows 11 x64  Windows 11 x64   Windows 11 x64  Windows 11 x64   Windows 11 x64   Windows 11 x64   Windows 11 x64   Windows 11 x64   Windows 11 x64   Vindows 11 x64   Windows 11 x64   Windows 11 x64   Windows 11 x64   Vindows 11 x64   Windows 11 x64   Windows 11 x64   Vindows 11 x64   Windows 11 x64   Vindows 11 x64   Windows 11 x64   Vindows 11 x64   Vindo	Number of HDDs supported		9	Motherboard chipset family *	Intel
RAID levels 0, 1, 5, 10 Expansion slots  Graphics Number of M.2 (M) slots 5  DirectX version 12.0 BIOS  Internal I/O BIOS type * UEFI AMI  USB 2.0 connectors * 2  USB 3.2 Gen 1 (3.1 Gen 1) connectors * 2  Clear CMOS jumper   USB 3.2 Gen 2x2 connectors 1  Clear CMOS button	· · ·				Windows 11 x64
Graphics  DirectX version  12.0  BIOS  Internal I/O  USB 2.0 connectors *  USB 3.2 Gen 1 (3.1 Gen 1) connectors *  USB 3.2 Gen 2x2 connectors  1  Visual Stype *  UEFI AMI  BIOS memory size  ACPI version  Clear CMOS jumper  Clear CMOS button  ✓  Visual Stype *  UEFI AMI  Clear CMOS jumper  ✓  Clear CMOS button			•	supported	
DirectX version 12.0 BIOS  Internal I/O BIOS type * UEFI AMI  USB 2.0 connectors * 2 BIOS memory size 256 Mbit  USB 3.2 Gen 1 (3.1 Gen 1) 2 Clear CMOS jumper ✓  USB 3.2 Gen 2x2 connectors 1 Clear CMOS button ✓	RAID levels		0, 1, 5, 10	Expansion slots	
Internal I/O  BIOS type *  UEFI AMI  USB 2.0 connectors *  2  BIOS memory size  256 Mbit  ACPI version  5.0  Clear CMOS jumper  ✓  USB 3.2 Gen 2x2 connectors  1  Clear CMOS button	Graphics			Number of M.2 (M) slots	5
USB 2.0 connectors * 2 BIOS memory size 256 Mbit  USB 3.2 Gen 1 (3.1 Gen 1) 2 Clear CMOS jumper  USB 3.2 Gen 2x2 connectors 1 Clear CMOS button	DirectX version		12.0	BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *  ACPI version 5.0  Clear CMOS jumper  V USB 3.2 Gen 2x2 connectors 1  Clear CMOS button	Internal I/O			BIOS type *	UEFI AMI
USB 3.2 Gen 1 (3.1 Gen 1) connectors *  ACPI version 5.0  Clear CMOS jumper  Clear CMOS button	USB 2.0 connectors *		2	BIOS memory size	256 Mbit
connectors * Clear CMOS jumper ✓ USB 3.2 Gen 2x2 connectors 1 Clear CMOS button ✓	USB 3.2 Gap 1 (3.1 Gap 1)			ACPI version	5.0
Clear CMOS button	connectors *		2	Clear CMOS jumper	<b>✓</b>
***************************************	USB 3.2 Gen 2x2 connectors		1	Clear CMOS button	1
	Number of SATA I	II connectors *	4	2.22. 2.100 00.00.	-

Internal I/O		BIOS	
Total number of SATA connectors ATX Power connector (24-pin)	4	Desktop Management Interface (DMI) version	2.7
EPS power connector (8-pin)	✓	System Management BIOS (SMBIOS) version	2.7
TPM connector	<b>✓</b>	Logistics data	
12V power connector	<b>✓</b>	Country of origin	China
RGB LED pin header	<b>✓</b>	Products per shipping (inner) case	1 pc(s)
Rear panel I/O ports		Battery	
USB 2.0 ports quantity * USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-A	2	Battery weight Lithium weight per battery Number of battery cells	3 g 0.07 g 1
ports quantity *	6	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Ethernet LAN (RJ-45) ports * HDMI ports quantity *	1	Battery type	CR2032
DisplayPorts quantity	2	Packaging data	
Microphone in	<u> </u>	Package width	335 mm
S/PDIF out port	<b>✓</b>	Package depth	270 mm
Thunderbolt ports quantity	2	Package height	80 mm
		Package weight	2.51 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Weight	2.19 kg
		Technical details	
		Warranty period	3 year(s)



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