

# Asrock Z890 Taichi AQUA

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**Artikel**  
**Herstellernummer**  
**EAN**  
Asrock

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## **Pioneering the future**

Z890 Taichi AQUA sets a new industry standard with its pioneering hybrid cooling design, featuring the first-ever detachable VRM and M.2 water block. Additionally, the innovative All USB Type-C On Rear IO configuration marks a leap forward in connectivity. Our mission is to lead the future and establish a new benchmark for top-tier motherboards.

## **A New Era of Taichi**

ASRock's flagship motherboard lineup is undergoing a major overhaul, unifying water cooling, extreme overclocking, and all-around flagship models into a powerful Taichi family.

This expansion incorporates the highly acclaimed AQUA series water-cooling motherboards and OC Formula series overclocking motherboards, resulting in the Taichi AQUA for custom water cooling, Taichi OCF for extreme overclocking, and the all-around flagship Taichi/Taichi Lite.

This transformation refines product positioning, centralizing ASRock's flagship offerings under the Taichi brand to meet the diverse needs of high-end PC enthusiasts. This strategic combination enhances the brand's impact, delivering exponential synergy and reinforcing its status as a premier flagship motherboard brand.

## **Zusammenfassung**

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### **Pioneering the future**

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Asrock Z890 Taichi AQUA, Intel, LGA 1851 (Socket V1), Intel Core Ultra (Series 2), DDR5-SDRAM, 256 GB, DIMM

Asrock Z890 Taichi AQUA. 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: 256 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, RAID levels: 0, 1, 5, 10. Parallel processing technology support: CrossFire. Ethernet interface type: 10 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E...

## Merkmale

### Graphics

Parallel processing technology support	CrossFire
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### Weight & dimensions

Width	305 mm
Depth	274 mm

### BIOS

BIOS type	UEFI AMI
BIOS memory size	256 Mbit
Clear CMOS button	Yes

### Processor

Processor manufacturer	Intel
Processor socket	LGA 1851 (Socket V1)
Compatible processor series	Intel Core Ultra (Series 2)

### Storage controllers

Supported storage drive interfaces	M.2, SATA III
RAID support	Yes
RAID levels	0, 1, 5, 10

### Network

Ethernet LAN	Yes
Ethernet interface type	10 Gigabit Ethernet
Wi-Fi	Yes
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
Bluetooth	Yes

### Features

Motherboard chipset	Intel Z890
Audio chip	Realtek ALC4082
Audio output channels	5.1 channels
Product colour	White
Component for	PC
Motherboard form factor	Extended ATX
Motherboard chipset family	Intel

### Memory

Supported memory types	DDR5-SDRAM
Number of memory slots	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Supported memory clock speed (max)	9600 MHz
Maximum internal memory	256 GB

### Rear panel I/O ports

USB 3.2 Gen 1 (3.1 Gen 1) Type-4 C ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-4 C ports quantity	2
Ethernet LAN (RJ-45) ports	2
Microphone in	Yes
S/PDIF out port	Yes
Thunderbolt ports quantity	2
WiFi-AP antenna jack	2

### Expansion slots

PCI Express x16 (Gen 4.x) slots	1
PCI Express x16 (Gen 5.x) slots	2
Number of M.2 (M) slots	6
1st M.2 largest key size	2280
1st M.2 highest PCI Express generation	5.0
2nd M.2 largest key size	2280
2nd M.2 highest PCI Express generation	5.0
3rd M.2 largest key size	2280
3rd M.2 highest PCI Express generation	4.0
4th M.2 largest key size	2280
4th M.2 highest PCI Express generation	4.0
5th M.2 largest key size	2280
5th M.2 highest PCI Express generation	4.0

generation

## Internal I/O

USB 2.0 connectors	4
USB 3.2 Gen 1 (3.1 Gen 1) connectors	4
USB 3.2 Gen 2x2 connectors	2
Number of SATA III connectors	4
Audio connector	Yes
ATX Power connector (24-pin)	Yes
CPU fan connector	Yes
Number of CPU fan connectors	2
Number of chassis fan connectors	2
EPS power connector (8-pin)	Yes
Number of EPS power connectors (8-pin)	2
TPM connector	Yes
Number of water pump connectors	1
RGB LED pin header	Yes

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.