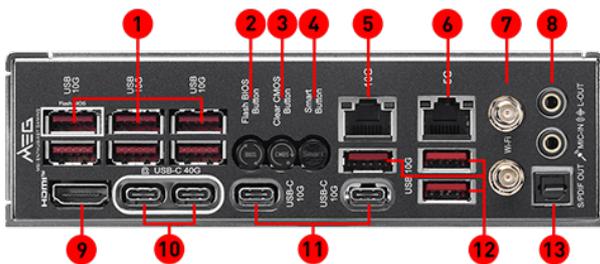# ASCENDANT CRAFTED EXCELLENCE

Picture and logos

SELLING POINTS
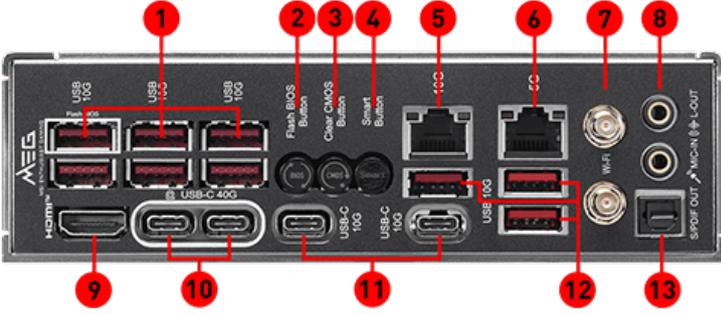
- Unterstützt AMD Ryzen™ 9000/8000/7000 Serie Desktop-PC-Prozessoren
- Unterstützt DDR5-Arbeitsspeicher, Dual Channel DDR5 8400+ MT/s (OC)
- Ultra-Leistung: 18+2+1 Duet Rail Power System, 110A SPS, OC-Engine, doppelt 8-polige CPU-Stromanschlüsse, Core Boost, Memory Boost, 8-lagiges PCB auf dickem Kupfer und in Serverqualität.
- Frozr Guard: Das wellenförmige Kühlrippen-Design, Direct Touch Cross Heat-Pipe, MOSFET-Grundplatte, 9 W/mK-Wärmeleitpads, doppelseitiges M.2 Shield Frozr und die Frozr AI-Software sorgen für maximale Leistung bei niedrigen Temperaturen.
- EZ DIY: EZ PCIe Release, EZ Magnetic M.2 Shield Frozr II, EZ M.2 Clip II, EZ Antenna und EZ Conn-Design.
- Ultra Verbindung: 10G LAN + 5G LAN, schnelles Wi-Fi 7, USB4 und 64 MB BIOS-ROM
- Blitzschnelle Gaming-Erfahrung: PCIe 5.0-Steckplätze, integrierte 5x M.2-Anschlüsse mit Lightning Gen 5, Front-USB 20G mit 60 W USB-Stromversorgung.
- Audio Boost 5 HD: Premium-Audio-Prozessor ALC4082 + ESS-DAC + Verstärker für ein beeindruckendes Klangerlebnis.

1. USB 10Gbps (Type-A)
2. Flash BIOS Button
3. Clear CMOS Button
4. Smart Button
5. 10G LAN
6. 5G LAN
7. Wi-Fi / Bluetooth
8. HD Audio Connectors
9. HDMI™ 2.1 Port
10. USB 40Gbps (Type-C)
11. USB 10Gbps (Type-C)
12. USB 10Gbps (Type-A)
13. Optical S/PDIF-Out

SPECIFICATION

Chipsatz	Platform	AMD
	Chipset Marketing Name	X870E
CPU	CPU Support	Supports AMD Ryzen™ 9000/ 8000/ 7000 Series Desktop Processors
	Socket	Socket AM5
Arbeitsspeicher	Memory Qty	4
	Memory Type	DDR5 UDIMM
Onboard Graphics	HDMI™	1
	DVI	N/A
	D-Sub	N/A
	Onboard Graphics note	* Available only on processors featuring integrated graphics. ** Graphics specifications may vary depending on the CPU installed.
Slot	PCI-E x16 slot (Qty)	2
	PCI-E x1 slot (Qty)	N/A
	PCI slot (Qty)	N/A
	PCI_E1 Gen	PCIe 5.0
	PCI_E1 bandwidth	x16
	PCI_E2 Gen	PCIe 5.0
	PCI_E2 bandwidth	x8
	PCI_E3 Gen	PCIe 5.0
	PCI_E3 bandwidth	x4
	PCI_E4 Gen	N/A
	PCI_E4 bandwidth	N/A
	PCI_E5 Gen	N/A
	PCI_E5 bandwidth	N/A
	PCI_E6 Gen	N/A
	PCI_E6 bandwidth	N/A
	PCI_E7 Gen	N/A
	PCI_E7 bandwidth	N/A
Speicher	U.2 (Qty)	N/A
	M.2 (Qty)	5
	M.2_1 (Gen3/Gen4/Gen5)	PCIe 5.0 x4
	M.2_1 (SATA mode)	N/A
	M.2_2 (Gen3/Gen4/Gen5)	PCIe 5.0 x4
	M.2_2 (SATA mode)	N/A
	M.2_3 (Gen3/Gen4/Gen5)	PCIe 4.0 x4
	M.2_3 (SATA mode)	N/A
	M.2_4 (Gen3/Gen4/Gen5)	PCIe 4.0 x4
	M.2_4 (SATA mode)	N/A
	M.2_5 (Gen3/Gen4/Gen5)	PCIe 4.0 x4
	M.2_5 (SATA mode)	N/A
	M.2_6 (Gen3/Gen4/Gen5)	N/A
	M.2_6 (SATA mode)	N/A
	M.2_7 (Gen3/Gen4/Gen5)	N/A
	M.2_7 (SATA mode)	N/A
	SATA 6G (Qty)	4
Multi-GPU	Supports NVIDIA® SLI™ Technology	N/A
	AMD MULTI-GPU Support	N/A
LAN	LAN Chip	1x Marvell® AQC113CS 10Gbps LAN 1x Realtek® 8126 5Gbps LAN
WIRELESS LAN & BLUETOOTH	Wi-Fi Module	Wi-Fi 7 Solution
	Bluetooth SPEC	Supports Bluetooth® 5.4**, MLO, 4KQAM

Schnittstellen (Rückseite)	I/O Description	
		1. USB 10Gbps (Type-A) 2. Flash BIOS Button 3. Clear CMOS Button 4. Smart Button 5. 10G LAN 6. 5G LAN 7. Wi-Fi / Bluetooth 8. HD Audio Connectors 9. HDMI™ 2.1 Port 10. USB 40Gbps (Type-C) 11. USB 10Gbps (Type-C) 12. USB 10Gbps (Type-A) 13. Optical S/PDIF-Out
PCB Info	PCB Form Factor	ATX