

DT-8853H-E4

12th/13th Gen Intel Processor(FCLGA1700 Socket) with Z690 Chipset



Features

- CPU: 12th/13th Gen Intel CPU + Z690 Chipset
- Memory: Dual channel SO-DIMM DDR5 up to 64 GB
- Display via: 1x HDMI2.0+ 1x VGA + 1x DP
- I/O Interface: 8x USB3.2, 2 x USB2.0, 6x COM
- Ethernet: 1*Intel i219(1.0GbE)+2*Intel i226(2.5GbE)
- Storage: 3xSATA3.0 + 2xM.2 for HDD/SSD
- Expansion: M.2 for WiFi, PICE/PCI 4 Slots
- Power: 16-36V DC-in



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Technical Specifications

Processor	CPU	12th/13th Gen Intel Alder Lake-S/Raptor Lake-S Processors ($\leq 45W$)
	Socket	FCLGA1700
	Chipset	Z690
	BIOS	AMI UEFI BIOS
Memory	Type	Dual Channel SO-DIMM DDR5-4800MHz
	Max. Capacity	64GB
Display	GPU	Integrated Intel® UHD Graphics
	Display via	1xHDMI + 1xVGA+ 1xDP
Ethernet	Controller	1x Intel i219, Data Rate Per Port:1.0 GbE
		2x Intel i226, Data Rate Per Port:2.5 GbE
Storage	SATA	3x SATA3.0
	M.2	1x M.2_Key M 2280 Slot, supports SATA/NVMe SSD PCIe4.0 4X Signal.
	M.2	1x M.2_Key B 2280/2242 Slot, supports SATA SSD or 4G/5G Module
Expansion	M.2	1x M.2_Key E 2230 Slot, supports WiFi and Bluetooth
	PCIe/PCI	4 Slots
	Default	1*PCIe16X(Pcie4.0)+3*PCIe4X(Pcie3.0)
	Optional	Please consult your regional sales for other available options.
I/O	USB3.2	8x USB3.2
	USB2.0	2x USB2.0
	COM	6x RS232 by default. COM1, COM2 can be set as RS422/RS485 in BIOS
	LAN	3x RJ45
	HDMI	1x HDMI2.0b
	VGA	1
	DP	1
	Audio	1x Mic-in
		1x Line-out
	GPIO	16
	Other	Power Control
Dimension	Size	266 mm x 262.8mm x 182.3mm
Power	Standard Port	16V-36V DC-in
Temperature	Operating Temp.	-20°C to 60°C
	Storage Temp.	-40°C to 80°C
Operating System		Windows 10/11, Linux

* All specifications and photos are subject to change without notice.

More Options

Model	DT-8853H-B1	DT-8853
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Dimension(mm)

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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