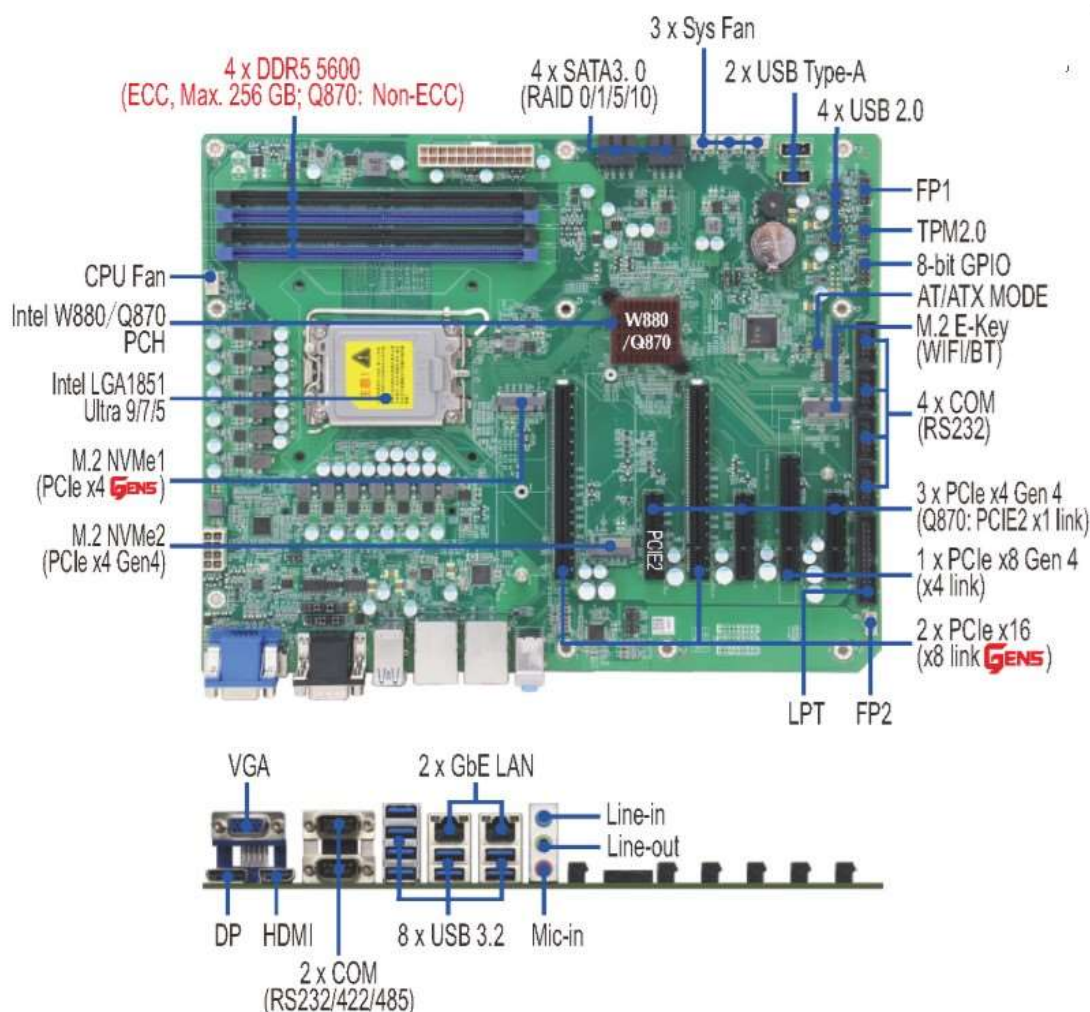


Model: NTX-789E
Industrial ATX main Board - Intel® Q870 Chipset



Main Feature:

- LGA1851 Intel® Core™ Ultra 9/7/5 ATX with HDMI/DP/VGA, DDR5, USB 3.2, 6 COMs
- Intel® Core™ Ultra 9/7/5 processor with Q870 chipset
- Four DIMM sockets up to 256GB DDR5 5600
- Triple display DP/HDMI/VGA and dual GbE LAN
- M.2, SATA RAID 0, 1, 5, 10, USB 3.2 Gen 2
- 2 x PCIE X16, 1 x PCIE X8, 3 x PCIE X4 slots expansion
- Support “Wake on LAN” and 6 x Serial port, TPM 2.0 supported

Specification	
Item	Description
Form Factor	ATX
Intel® Core™ Ultra Processors	Ultra 9 285, Ultra 9 285T, Ultra 7 265, Ultra 7 265T, Ultra 5 245, Ultra 5 245T, Ultra 5 225, Ultra 5 225T...

System Memory	Support 4 x 5600 DDR5 RAM DIMM Max. up to 256GB
Chipset	Intel® Q870 / W880
Ethernet	GbE LAN1: Intel i219V; GbE LAN2: Intel i210
BIOS	AMI 64MB SPI
Watchdog Timer	1 to 255 Seconds
HW State Monitoring	Monitor the state of voltage, temperature and speed of the fan
Expansion	2 x PCIE X16 Gen. 5, 1 x PCIE X8, 3 x PCIE X4 Slots, 1 x M.2 (E-Key 2230, WIFI/BT)
Battery	Lithium battery
Power Supply	ATX24Pin + 8Pin
Dimension	305mm × 245mm
Operating Temperature	0~60 Celsius Degree
Storage Temperature	-20~80 Celsius Degree
Operating Humidity	0%~90% relative humidity, no condensation
Display	
Controller	Chipset integrated Intel® Xe LPG Graphics • 1 x VGA supports the highest resolution 1920 x 1200 @60Hz • 1 x HDMI supports the highest resolution 4096 x 2160 @ 60Hz • 1 x DP supports the highest resolution 4096 x 2304 @ 60Hz
I/O	
Storage	4 x SATAIII (support RAID 0/1/5/10); 2 x M.2 (PCIe x4 Gen. 4 & Gen. 5; M-key 2242/2280)
Serial Port	6 x COM, 2 x RS-232/422/485 (COM 1&2)
USB	8 x USB 3.2, 6 x USB 2.0 (Internal)
GPIO (Digital I/O), Others	8 bit (4 x DI and 4 x DO), 1 x LPT, 1 x TPM2.0
TPM	TPM 2.0 supported
Audio	Realtek ALC897; support MIC-IN, Line-OUT and Line-IN