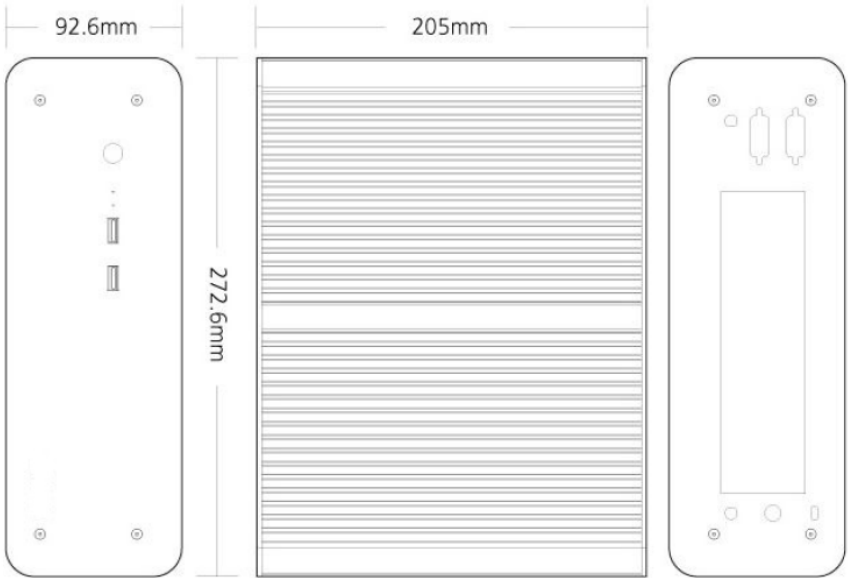




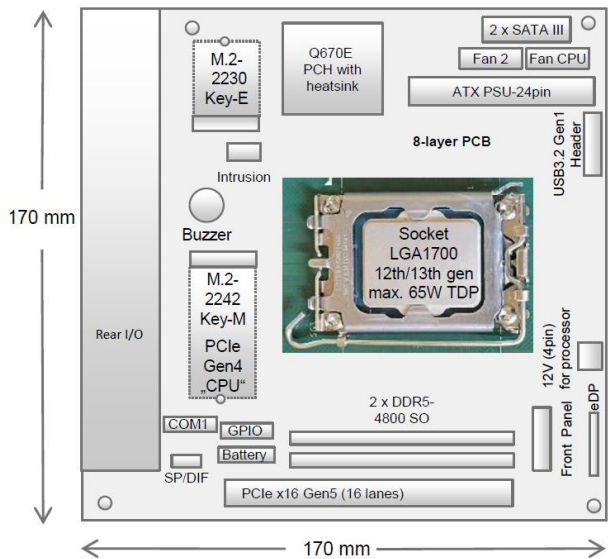
Fanless Mini-ITX Industrial System with 2 x 2.5" drive bays

- Industrial silent fanless system
- Supports Intel® 12/13/14th Gen processors
- Intel® Core™ i3/i5/i7 processors, up to 35w
- Intel® Q670E Chipset, RAID 0/1
- 2 DDR5 Non-ECC SO-DIMM up to 64GB
- 4 DP++ outputs
- I/O: 2 LAN, 1 x USB-C, 5 USB3.2, 2 USB 2.0
- 2 2.5" drive bays, RAID 0/1
- Front USB ports

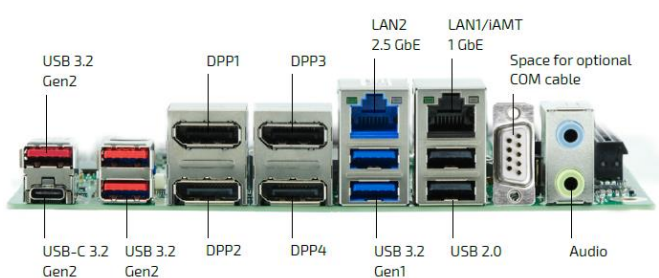
PROCESSORS	14th Generation Intel® LGA 1700 Socket Processors, TDP support up to 35W Intel® Core™ i9-14900T (24 Cores, 36M Cache, up to 5.5 GHz); 35W Intel® Core™ i7-14700T (20 Cores, 33M Cache, up to 5.2 GHz); 35W Intel® Core™ i5-14500T (14 Cores, 24M Cache, up to 4.8 GHz); 35W Intel® Core™ i5-14400T (10 Cores, 20M Cache, up to 4.5 GHz); 35W Intel® Core™ i3-14100T (4 Cores, 12M Cache, up to 4.4 GHz); 35W 13th Generation Intel® LGA 1700 Socket Processors, TDP support up to 35W Intel® Core™ i9-13900TE (24 Cores, 36M Cache, up to 5.0 GHz); 35W Intel® Core™ i7-13700TE (16 Cores, 30M Cache, up to 4.8 GHz); 35W Intel® Core™ i7-13700T (16 Cores, 30M Cache, up to 4.9 GHz); 35W Intel® Core™ i5-13500TE (14 Cores, 24M Cache, up to 4.5 GHz); 35W Intel® Core™ i5-13500T (14 Cores, 24M Cache, up to 4.6 GHz); 35W Intel® Core™ i3-13100TE (4 Cores, 12M Cache, up to 4.1 GHz); 35W Intel® Core™ i3-13100T (4 Cores, 12M Cache, up to 4.2 GHz); 35W 12th Generation Intel® LGA 1700 Socket Processors, TDP support up to 35W Intel® Core™ i9-12900TE (16 Cores, 30M Cache, up to 4.8 GHz); 35W Intel® Core™ i7-12700TE (12 Cores, 25M Cache, up to 4.6 GHz); 35W Intel® Core™ i5-12500TE (6 Cores, 18M Cache, up to 4.3 GHz); 35W Intel® Core™ i3-12100TE (4 Cores, 12M Cache, up to 4.0 GHz); 35W Intel® Pentium® G7400TE (2 Cores, 6M Cache, 3.0 GHz); 35W Intel® Celeron® G6900TE (2 Cores, 4M Cache, 2.4 GHz); 35W
CHIPSET	Intel® Q670E Chipset with RAID 0/1 support
MEMORY	2 SO DIMM Socket DDR5-5600, max. 64 GB Dual Channel unbuffered non-ECC.
BIOS	AMI Aptio 5.x (UEFI) BIOS modified and adapted by Kontron; Recovery BIOS, SM-BIOS (DMI), BIOS and CPU Microcode Update, Quick Boot, Logo Boot, Quiet Boot, Plug & Play, Automatic DRAM and PCIe Configuration, BIOS Support for S.M.A.R.T., Advanced Power Management, ACPI S3/S4, Wake on time from S5. No legacy OS support, no MBR installation (UEFI only)
STORAGE	Two internal 2.5" HDD / SSD bays Motherboard supports: 1 x M.2 2230/2242 (Key-M, Gen 4, PCIe/NVME SSD modules)
EXPANSION	Optional 1x COM port 1x M.2 2230 (Key-E, WLAN/Bluetooth modules, incl. CNVi support) Optional hi-quality external Wi-Fi antennas and connectors
WATCHDOG TIMER	BIOS POST-/BIOS BOOT-/OS-HW Watchdog
SYSTEM CONTROL	1x Header for Reset button, HDD LED & External Speaker, Power button, Power LED. Recovery BIOS, System and BIOS Password, Boot Sequence Control, Serial/USB- Port Access Protection, Write Protection for Flash BIOS, EraseDisk (BIOS Feature), Trusted Platform Module (TPM)
POWER SUPPLY	Internal 80W PICO power adapter Optional 84W, 12V AC power adapter
AUDIO	Tempo Semiconductor 92HD91B 5.1- channel, High Definition Audio Codec
ETHERNET	Intel® i219LM with 10/100/1000 MBit/s, iAMT features, Wake-on-LAN (WoL) by interesting Packets, Link Status Change and Magic Packet™, PXE Support, BIOS MAC Address Display, Teaming Support Intel® i226LM with 10/100/1000/2500 MBit/s, TSN Support, Wake-on-LAN (WoL) by interesting Packets, Link Status Change and Magic Packet™, PXE Support, BIOS MAC Address Display, Teaming Support
OPERATING SYSTEMS SUPPORTED	Windows 10 Windows 11 Linux
GRAPHICS	Intel® UHD Graphics 7xx
DISPLAY OUTPUTS	4x DisplayPort V1.4a up to 8K 1x eDP V1.4b @4K
REAR I/O PORTS	1 x 2.5GbE (RJ-45) 1 x GbE LAN (RJ-45) 1 x USB-C 3.2 Gen 2, 3 x USB3.2 Gen 2, 2 x USB3.2 Gen 1, 2 x USB 2.0 4 x DP++ 2 x Audio
FRONT CHASSIS CONNECTORS	USB 3.0 x2
MOUNTING	VESA mountable



Motherboard layout



Motherboard Rear I/O



Standard Services



Integrated Components



Revision Controlled



Fully Tested & Documented



Software Installed



Full Traceability



ISO Certified



OEM Customisation