

Fanless Embedded PC 12/13/14th Gen Core™ i9/ i7/ i5/ i3, 4x GbE, 4x USB3.2, -25°C to 60°C

FEATURES

- Intel® 12/13/14 th-Gen Core™ 35W/ 65W LGA1700
- CPU up to 16 cores/ 24 threads
- 4x GbE
- 4x USB3.2 Gen 1 with screw-lock
- 1x hot-swappable HDD tray
- 1x M.2 2280 Gen4 x4 NVMe
- RAM non-ECC DDR4 3200 SDRAM (one SODIMM slot)
- MAX. 32GB
- 2x full-size mPCIe sockets
- 4-CH isolated DI and 4-CH isolated DO
- VGA + DP
- TPM 2.0 Support
- Rugged, -25°C to 60°C fanless operation
- 212 x 165 x 63 mm low-profile design
- 1x 3-pin pluggable terminal block for 8-48V DC input with optional ignition power contro



SPECIFICATIONS

CPU	:	12th-Gen Alder Lake Core™ CPU (LGA1700 socket, 35W/ 65W TDP) - i9-12900E/ i9-12900TE - i7-12700E/ i7-12700TE - i5-12500E/ i5-12500TE - i3-12100E/ i3-12100TE - G7400E/ G7400TE - Celeron® G6900E/ G6900TE
Chipset	:	Intel® 600 Series PCH platform controller hub
Digital I/O	:	Isolated DIO DIO 4-CH isolated DI and 4-CH isolated DO
USB	:	4x USB 3.2 Gen1 (5 Gbps) ports 2x USB 2.0 ports
Operating Temp.	:	with 35W CPU -25°C ~ 60°C * with 65W CPU (installation of the optional fan kit is recommended) -25°C ~ 60°C */** SSD and RAM needs WT spec! 65W needs fan
Approval	:	CE/FCC Class A, according to EN 55032 & EN 55035
Chok/Vibration	:	Vibration Operating, MIL-STD-810G, Method 514.6, Category 4 Shock Operating, MIL-STD-810G, Method 516.6, Procedure I, Table 516.6-II
Effekt	:	from 130watt to 146watt depends on CPU
Ethernet	:	4x Gigabit Ethernet ports by 4x I210
Forsyning	:	1x 3-pin pluggable terminal block for 8-48V DC input with optional ignition power contro
Grafik	:	Integrated Intel® UHD Graphics 770 (32EU)
Hukommelse	:	Up to 32GB non-ECC DDR4 3200 SDRAM (one SODIMM slot)



SPECIFICATIONS

M.2	:	1x M.2 2230 E key socket for WiFi5, WiFi6 or Google edge TPU module
Montering	:	Wall-mount (standard) or DIN-rail mount (optional)
mPCIe	:	2x full-size mini PCI Express sockets with internal SIM sockets
Porte	:	1x software-programmable RS-232/422/485 ports (COM1) 3x 3-wire RS-232 ports (COM2/3/4) or 1x RS-422/485 port (COM2)
SSD	:	1x hot-swappable 2.5" HDD/ SSD tray, 1x M.2 2280 M key socket (PCIe Gen4 x4) for NVMe SSD
TPM	:	Supports dTPM 2.0
Udgange	:	1x VGA output, supporting 1920 x 1200 resolution 1x DisplayPort, supporting 4096 x 2304 resolution
Weight	:	2.5KG
Dimensioner	:	212 mm (W) x 165 mm (D) x 63 mm (H)

