

Fanless embedded PC i7 12th generation I7-1255U
Alder Lake, 2xHDMI, 8x USB, 2xRS232, BT/3G/4G/wifi-
Support, 2x RJ45

FEATURES

- Intel® Core™ i7-1255U (Alder Lake, 7nm)
- Intel® Iris® Xe Graphics
- Intel® Alder Lake Platform
- TDP 15W
- 1 × DDR5 SO-DIMM, max 64 GB DDR5
- 1 × M.2 NVMe/NGFF 2280 SSD
- 1 × SATA 3.0 (6Gb/s)
- 2 × Gigabit LAN (Realtek RTL8111)
- 2 × HDMI 1.4 (up to 4K 60Hz)
- Audio Intel® High Definition Audio, microphone input and SPK output
- 4 × USB 3.0
- 4 × USB 2.0
- 2 × RS-232 (DB9)
- 1 × mini-PCIe for Wi-Fi/Bluetooth or 3G/4G module (only one active at a time, must be ordered separately)
- Built-in SIM card slot (for 3G/4G module)
- Fanless aluminum design
- Power supply DC 12-19 V (recommended 19 V / 4.74 A)
- Power consumption Typical < 20 W
- Dimensions (W×D×H) 193.9 × 127 × 57.2 mm
- Weight 1.0 kg net / 1.5 kg gross
- Color and material Black anodized aluminum, fully enclosed housing
- Operating temperature -20 °C to +60 °C (requires special RAM, SSD must be specified if the PC is to be delivered as a complete unit)
- Humidity 10-90% RH (non-condensing)
- Features Wake-on-LAN, Automatic Wake-up (AWAL), Watchdog, RTC
- Supported operating systems: Windows 10/11, Linux, WES 7/10
- Mounting VESA/wall mounting via 4 mounting brackets
- Certifications CE, FCC, RoHS



SPECIFICATIONS

CPU	:	Intel® Core™ i7-1255U (Alder Lake, 7nm) - 10 Cores (2P + 8E), 12 Threads, 1.7 GHz base / up to 4.7 GHz Turbo
Memory Type	:	DDR5
Max. Memory Capacity	:	64
Chipset	:	Intel® Alder Lake platform
Power Input	:	DC 12~19V
USB	:	4 × USB 3.0 ; 4 × USB 2.0
Serial	:	2 × RS-232 (DB9)
Operating Temp.	:	-20 °C to +60 °C
Andet	:	Wake-on-LAN, Auto Power On (AWAL), Watchdog, RTC
Ethernet	:	2 × Gigabit LAN (Realtek RTL8111)
Forsyning	:	DC 12-19 V (recommended 19 V / 4.74 A)
HDMI	:	2 × HDMI 1.4 (up to 4K 60 Hz)



SPECIFICATIONS

Luftfugtighed	:	10-90% RH (non-condensing)
Lyd	:	Intel® High Definition Audio, MIC-in and SPK-out
M.2	:	1 × M.2 NVMe/NGFF 2280 SSD
Montering	:	VESA / wall mounting (4 mounting holes)
Mål og vægt	:	1.0 kg (net) / 1.5 kg (gross)
OS SUPPORT	:	Windows 10 / 11, Linux, WES 7/10
SATA	:	1 × SATA 3.0 (6 Gb/s)
SIM kort	:	Built-in slot for 3G/4G module
Strømforbrug	:	Typical < 20 W
Trådløs	:	1 × mini-PCIe for Wi-Fi/Bluetooth or 3G/4G module (one active at a time)
TDP	:	15W

SPECIFICATIONS

RAM	:	1 × DDR5 SO-DIMM slot, supports max 64 GB DDR5
GPU	:	Intel® Iris® Xe Graphics
Dimensioner	:	193.9 × 127 × 57.2 mm
Certification	:	CE, FCC, RoHS
Antal Video Udgange	:	2
Antal LAN Porte	:	2
Antal USB	:	8
Antal Serial	:	2

