

Model: MPCX-MINI-N97-4GL

Intel® Industrial MINI Computer - Intel® Alder LAKE N97



Main Feature

- Fanless Design with oxidized Aluminium Casing
- Ultra Low Power Consumption processor - 12 watt (Max. TDP)
- HDMI 2.1 support 4K resolution
- 2 x COM ports, 4 x GLAN (Intel® i210), 6 x USB 2.0/3.0
- BIOS Set-up “Auto Power-On”, and “Wake on LAN”

Application:

Digital Signage, Factory Automation; Processor Automation; Intelligent Traffic Control;
Medical Equipment; Marine / Offshore Industrial ...

Specification

Item	Description
Product Model	MPCX-MINI-N97-4GL
Processor	Intel® Alder LAKE N97 Quad-Core (up to 3.6GHz) (Optional) Intel® Alder LAKE i3 N305 8 x Core (up to 3.8GHz)
Chipset	Intel® integrated with processor
Memory	1 x DDR4 SO-DIMM Socket up to 32GB
BIOS	AMI 64MB Flash ROM
Graphic	1 x HDMI 2.0, Maximum Resolution 4096 x 2160 @ 60Hz
Storage	Space for 1 x 2.5" bay for SSD/HDD; 1 x M.2 2280 NVME PCIe4/SATA
Audio	HD Audio for Line-Out & Mic.-In
LAN	2 x RJ45, Intel® i210 Gigabit LAN
USB port / COM Port	6 x USB 2.0/3.0 / 2 x RS 232/485
Watch-Dog Timer	Programmable 0 to 255 min, support Hardware Reset
Expansive interface	1 x Mini PCI-E for WIFI & Bluetooth
I/O port	HDMI, 4 x RJ45, 6 x USB 2.0/3.0, 2 x COM, 1 x Power Switch, 1 x DC input
Power Supply	Input: 100~240VAC, 50/60Hz; Output: DC 12V/ 5A adapter
OS supporting	Windows 10/11, Linux

Environment	Operating / Storage temperature: -10 °C to 60 °C / 20 °C to 80 °C Storage humidity: 5% to 95%non-condensing Vibration: 17 to 500HZ 1G PTP; Shock: 1G /peak(11m sec)
Safety	CE; FCC; ROHS
Dimension W x H x D	144 x 126 x 44mm
Ordering Information	
MPCX-MINI-N97-4GL	Industrial MINI Computer with Intel® N97 Quad-Core (up to 3.6GHz) (Optional: upgrade to Intel® Alder LAKE i3 N305 8 x Core (up to 3.8GHz))
Optional - RAM	8 to 32GB DDR4 SO-DIMM RAM
Optional - SSD/HDD	128 GB to 2TB SSD / 500GB to 2TB 2.5'' SATA HDD
Optional - Wifi	WIFI + Bluetooth with Antenna
Optional - OS	Windows 10/11 Professional , or Win 10/11 IoT Enterprise 64 bit