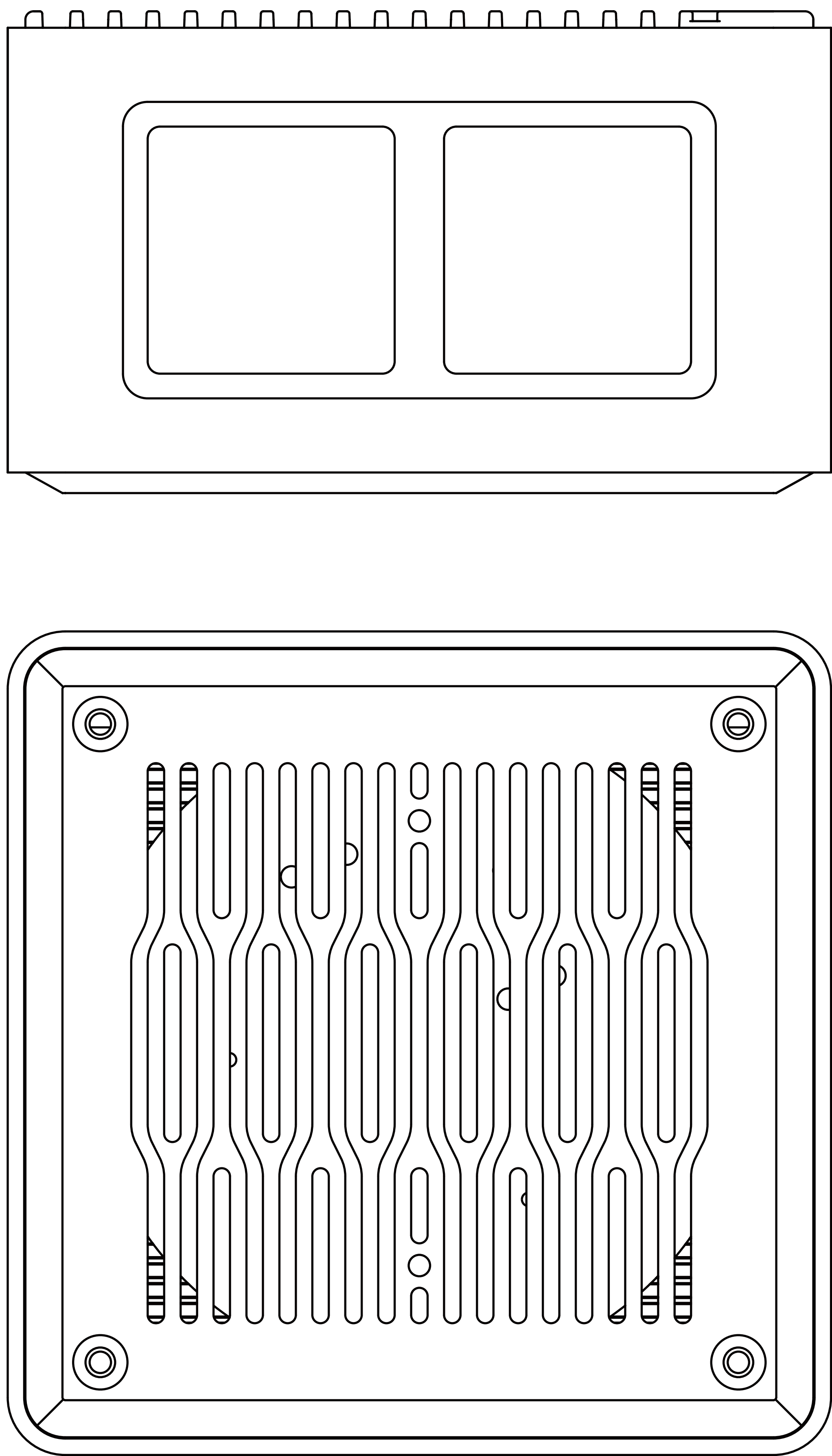
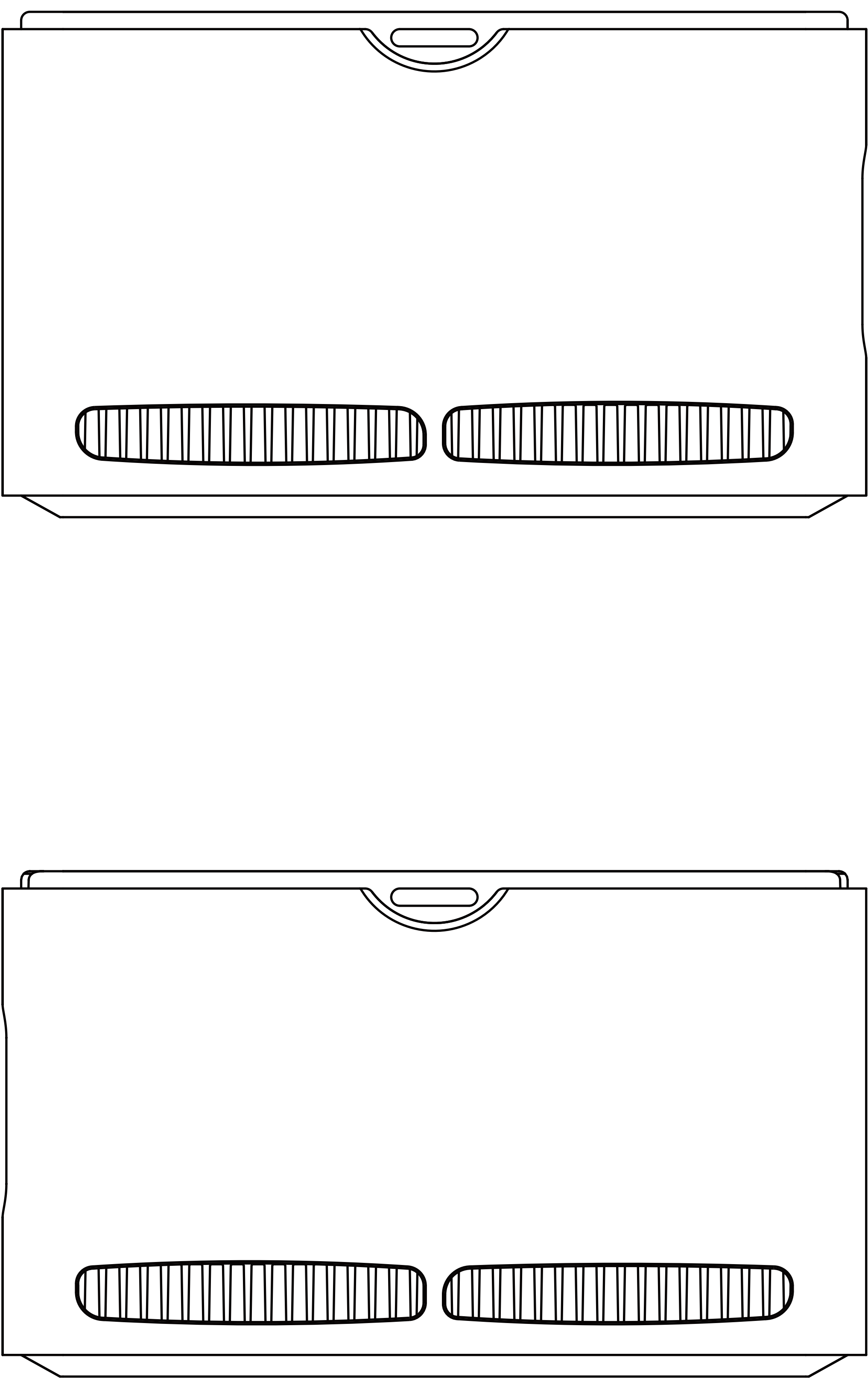
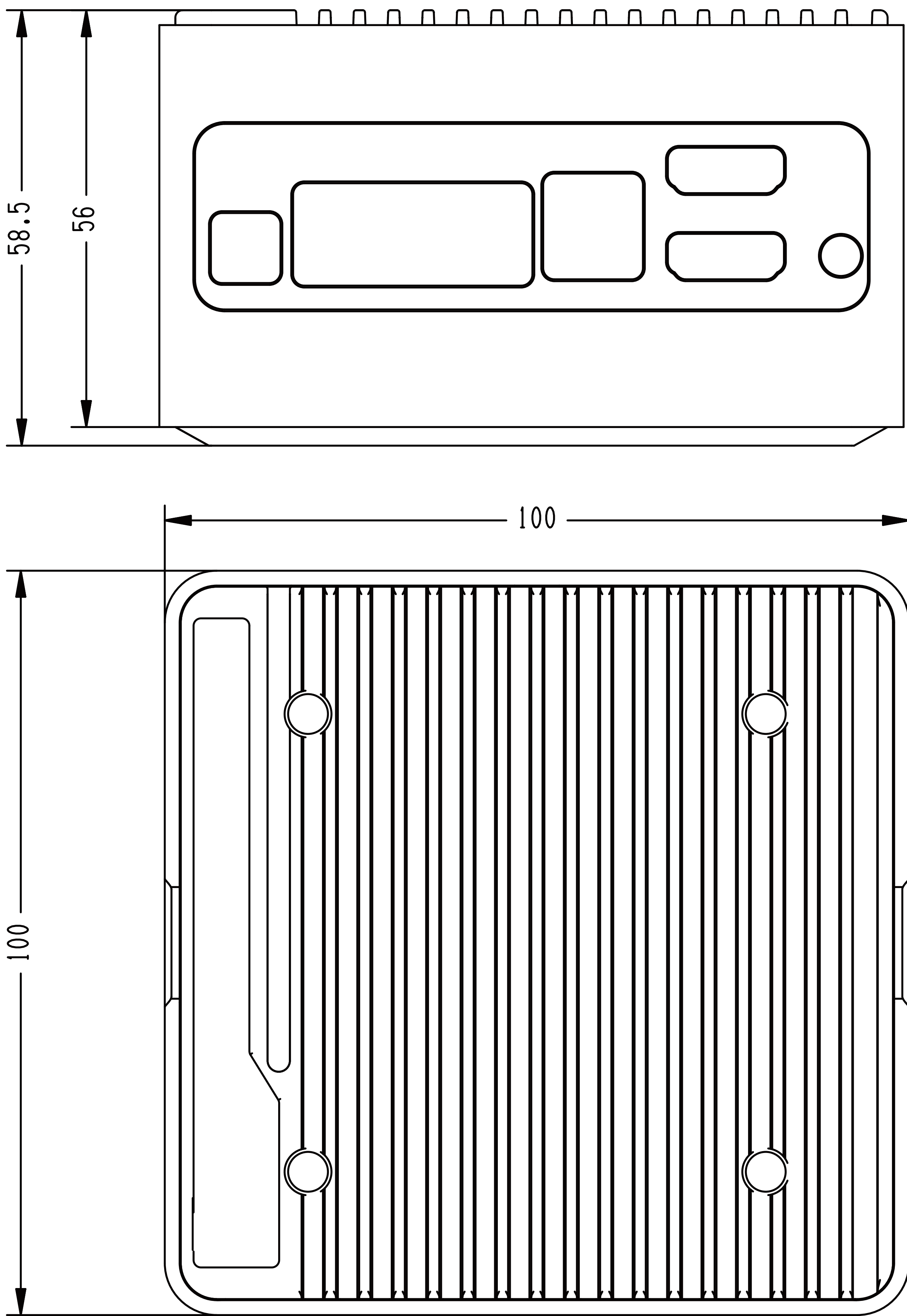


Product Specifications

CW-X86-P5



CPU: Intel® 12th Alder Lake-N N100/N200/i3-N305

Power Consumption: 6-15W

Color: Black/Dark Green

Power Supply: DC-IN 12V 55mm*25mm

Installation Method: Desktop or wall-mounted

Cooling System: Copper heat sink with aluminum heat sink, 7010 ball bearing fan blades, PWM 4-pin temperature-controlled silent fan

Material: Aluminum alloy

Weight: 1.2KG

Dimensions: 100mm*100mm*58.5mm

Operating Environment: -10°C to 75°C, 10% to 90% Relative Humidity

Interfaces:



DC-12V

Intel 2.5G LAN port

USB3.0

HDMI2.0

ON/OFF



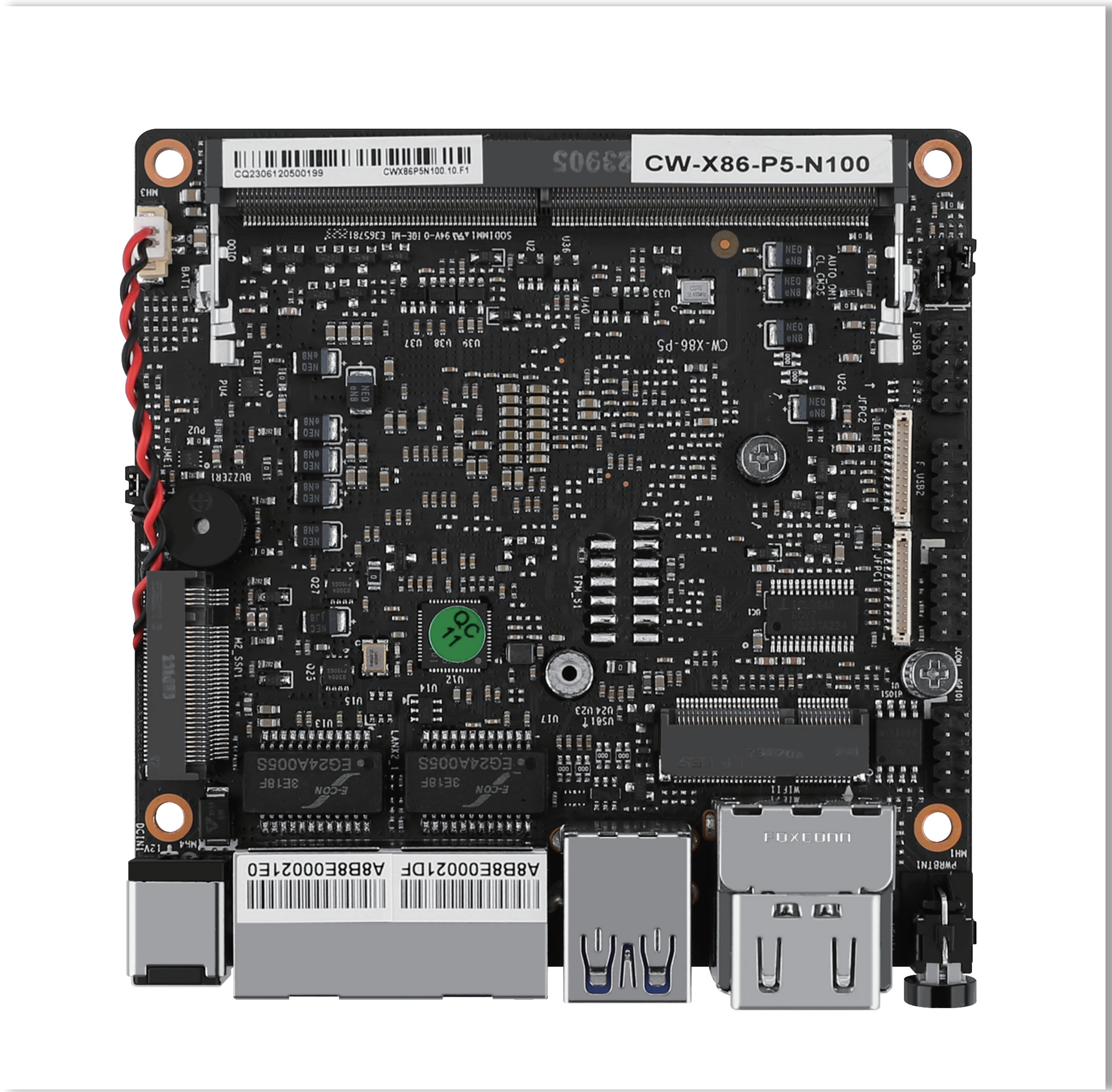
M.2 NVMe
2280 SSD slot

Mainboard Core Features:

- Based on the x86-P5 series, Intel 12th Gen N100/i3-N305 processor
- Compact and mini-sized, small enough to fit in a pocket
- NVMe quick-release top cover with 70mm*70mm fan lock hole
- Built-in 4M2 adapter board with 4 M.2 NVMe 2280 x1 signal
- Built-in 4M2 adapter board with 4 M.2 NVMe 2280 x1 signal
- Dual USB3.2 Gen2 ports with 10Gbps transfer speed
- Supports 4K@60Hz dual HDMI2.0 output (synchronous/asynchronous dual display)
- 7010 ball bearing PWM fan with copper heat sink and aluminum profile
- High-precision full aluminum CNC-crafted chassis
- High-precision full aluminum CNC-crafted chassis



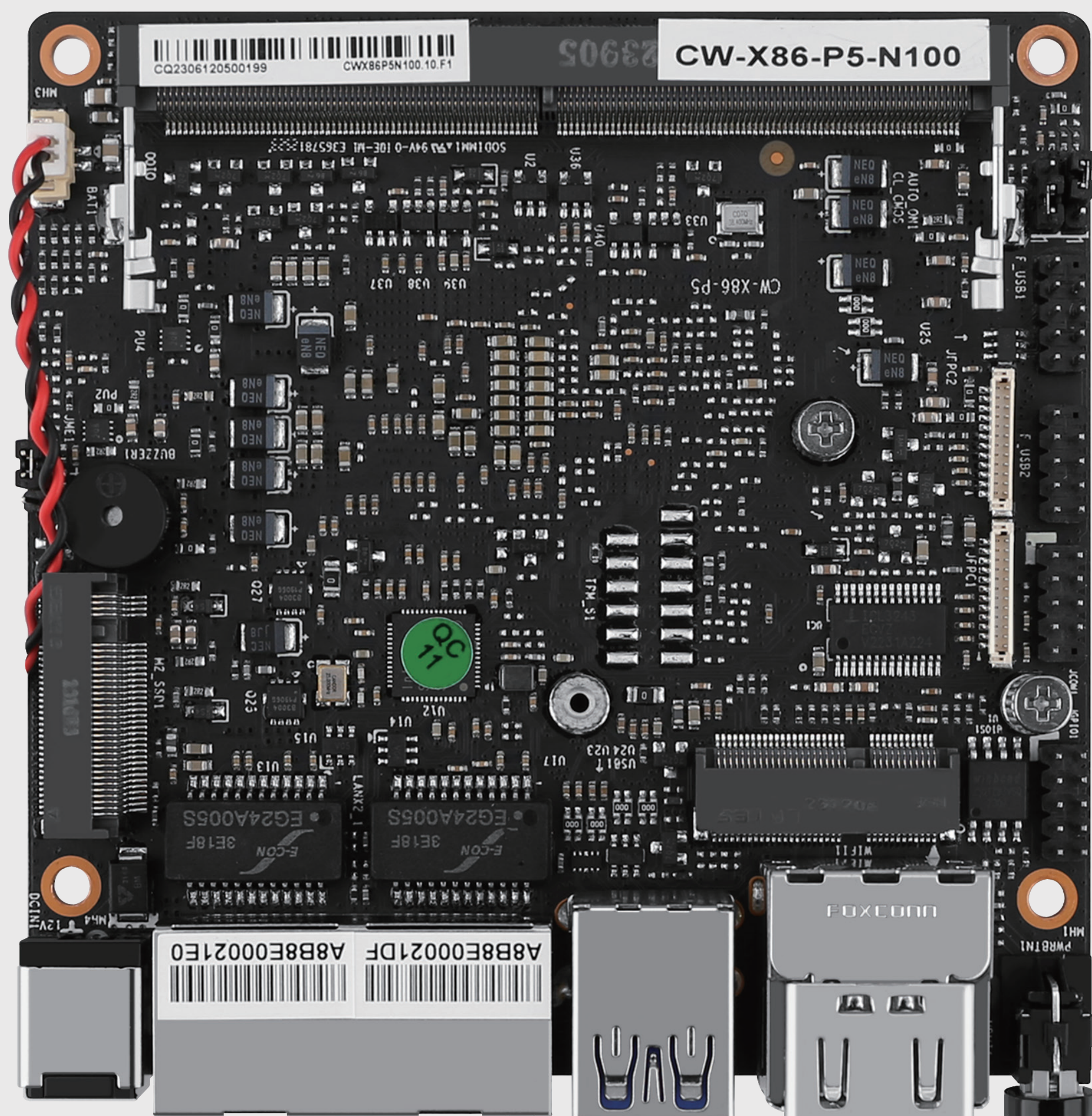
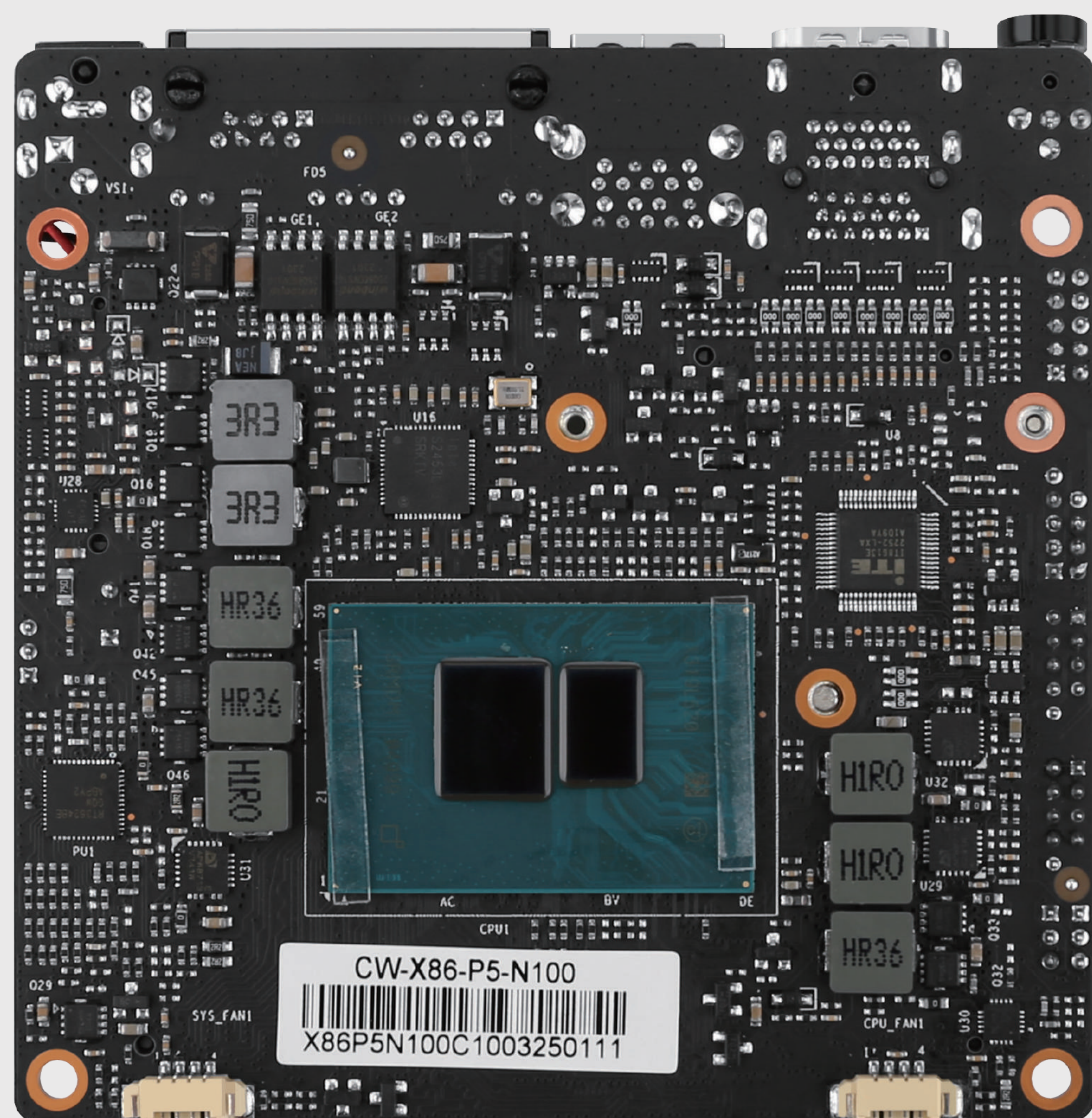
CW-X86-P5



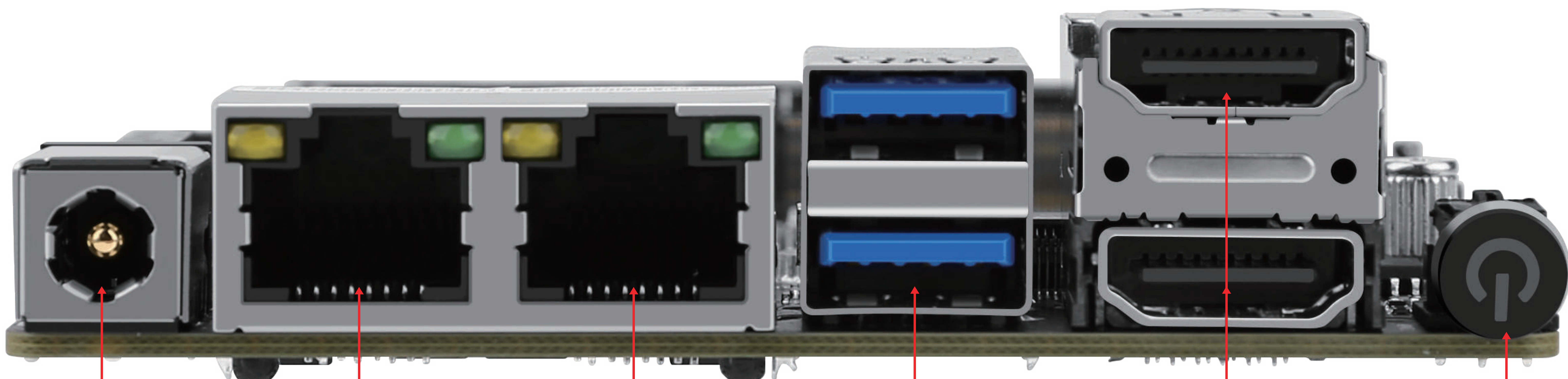
Model Specifications:

Spec \ Model	CW-X86-P5(N100)	CW-X86-P5(N200)	CW-X86-P5(i3-N305)
CPU	Intel® 12 th AlderLake-N N100	Intel® 12 th AlderLake-N N200	Intel® 12 th AlderLake-N i3-N305
Frequency	6M Cache, up to 3.40 GHz	6M Cache, up to 3.70 GHz	6M Cache, up to 3.80 GHz
Core Count	4 (Threads:4)	4 (Threads:4)	8 (Threads:8)
Network Card	Intel® i226-V	Intel® i226-V	Intel® i226-V
Memory	SO-DIMM DDR5 4800MHz Max 48GB	SO-DIMM DDR5 4800MHz Max 48GB	SO-DIMM DDR5 4800MHz Max 48GB
Storage	M.2 2280 NVMe PCIe3.0 x1 signal	M.2 2280 NVMe PCIe3.0 x1 signal	M.2 2280 NVMe PCIe3.0 x1 signal
Graphics	Intel® UHD Graphics N100 (24EU)	Intel® UHD Graphics N200 (32EU)	Intel® UHD Graphics i3 N305 (32EU)
Display Output	HDMI2.0(4K 4096x2160@60Hz)	HDMI2.0(4K 4096x2160@60Hz)	HDMI2.0(4K 4096x2160@60Hz)
Power Consumption	6W	6W	15W
Panel I/O	1 * DC_IN Power Port, 2 * LAN Ports, 2 * HDMI 2.0 Ports, 1 * Dual-layer USB3.2 Port, 1 * PWR_BTN button		
Onboard Headers	1 * 10-pin GPIO Header (4 input, 4 output), 2 * CPU FAN (4-pin 12V with temperature control), 1 * COM Header, 2 * USB 2.0 Headers, 1 * Auto-Power-on Jumper		
BIOS	AMI BIOS, supports PXE Boot, Wake-on-LAN (WOL), Auto-Power-on, GPIO		
Chassis	Aluminum Alloy Material	Chassis	Black/Dark Green
Power Supply	DC-IN 12V	Motherboard Size	90mm X 90mm
Operating Temperature	-10°C~70°C	Operating Humidity	5% - 90% relative humidity, non-condensing

Motherboard Model: CW-X86-P5



Interface



DC Port 2.5G LAN Port USB3.2 HDMI2.0 ON/OFF Button

