

PAC-3020

Fanless Embedded BOX PC



Front View



Rear View



Specifications

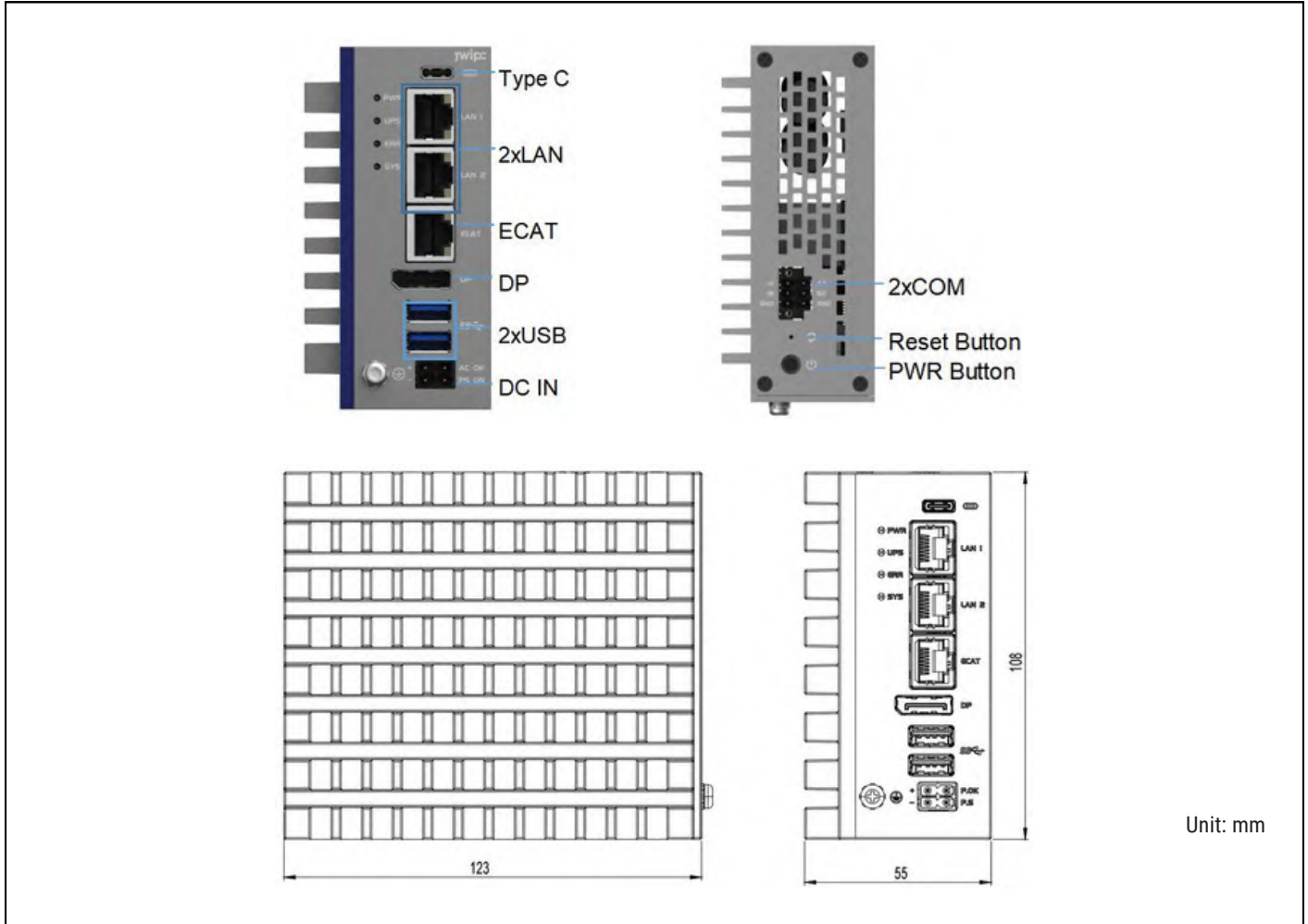
MODEL NAME	PAC-3020
SYSTEM	
CPU	Intel® Celeron® Alder Lake N100
CHIPSET	Intel® Alder Lake SoC
SYSTEM MEMORY	Onboard 8GB LPDDR5
BIOS	AMI UEFI BIOS
GRAPHICS PROCESSOR	Intel® UHD Graphics 630/610
I/O INTERFACE	
USB	2x USB-TYPE A (USB 3.0), 1x USB-TYPE C (USB3.0)
SERIAL	2x RS485 (with isolation), 6PIN Phoenix Terminal
VIDEO	1x DP, up to 4096 x 2160 @60Hz
AUDIO	2x Audio (1x Mic-In, 1x Line-Out), Realtek ALC897
ETHERNET	2x RJ45 (Intel® i210AT), 1x ECAT (Intel® i210AT)
LED INDICATORS	1x Power LED, 1x SYS LED, 1x ERR LED, 1xUPS LED
OTHERS	1x PWR button, 1x reset button, RTC battery
STORAGE	
SATA / M.2 / mSATA	EMMC/32G on board MRAM (reserved) 1x M.2/2242 SATA/NVME (PCIe x2)
SUPPORTED OPERATING SYSTEMS	
OS SUPPORT	Windows® 10 Linux Ubuntu
POWER	
POWER INPUT	24V, DC-In Electrolytic capacitor inside, 100ms Power-off Retention
POWER INTERFACE	4-Pole Phoenix DC plug in
MECHANICAL	
MOUNTING	Wall-mounting / DIN Rail-mounting
DIMENSIONS	55 × 108 × 123 mm
WEIGHT	TDB
ENVIRONMENTAL	
OPERATING TEMPERATURE	-20~60°C
STORAGE TEMPERATURE	-25~70°C
STORAGE HUMIDITY	95%@40°C non-condensing
VIBRATION	With SSD: 2Grms, IEC 60068-2-64, random, 5~500Hz, 1 hr/axis
SHOCK	With SSD: 15G, IEC 60068-2-27, half sine, 11ms duration
CERTIFICATIONS	CE / CCC

Features

- Intel N100 SoC
- 8GB LPDDR5 on board
- 32G EMMC on board
- 1x DP
- 2x LAN, 1x ECAT
- 2x USB-TYPE A (USB 3.0), 1x USB-TYPE C (USB 3.0)
- 1x M.2 2242
- 2x RS485 (with isolation)
- DC IN 24V. Electrolytic capacitor inside



Dimensions & Product View



Ordering Information

MODEL	CPU	DP	LAN	ECAT	USB 3.0 TYPE-A	USB 3.0 TYPE-C	COM	M.2
PAC-3020	N100	1	2	1	2	1	2	1

Packing List

- PAC-3020 controller system