

PAC-3020

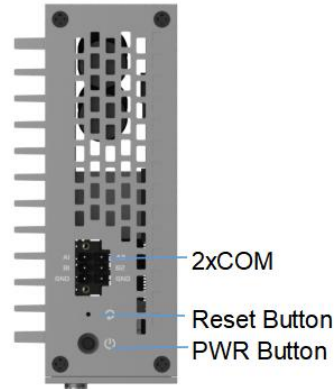
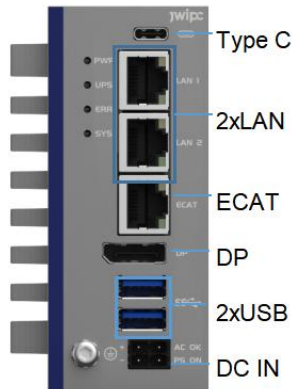
Intel® Celeron® Alder Lake N100
Controller System



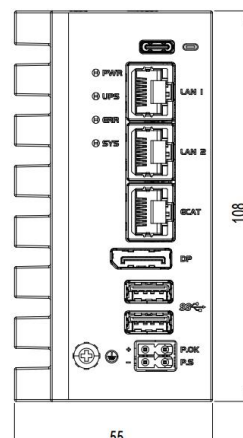
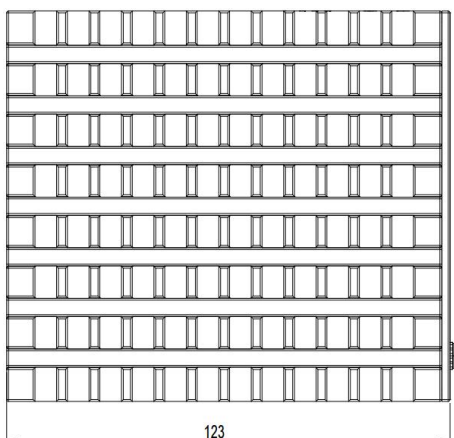
Features

- Intel N100 SoC
- 8GB LPDDR5 on board
- 32G EMMC on board
- 1 x DP
- 2 x LAN, 1 x ECAT
- 2 x USB-TYPE A(USB3.0), 1 x USB-TYPE C(USB3.0)
- 1 x M.2 2242
- 2 x RS485 (with isolation)
- DC IN 24V. Electrolytic capacitor inside

Product View



Dimensions



System	Processor	Intel® Celeron® Alder Lake N100
	Chipset	Intel® Alder Lake SoC
	BIOS	AMI UEFI BIOS
	Memory	8GB LPDDR5 on board
	OS	Windows10, Linux
I/O interface	USB	2x USB-TYPE A(USB 3.0), 1x USB-TYPE C(USB3.0)
	Serial	2xRS485(with isolation), 6pin Phoenix terminal
	LED	1x Power LED, 1x SYS LED, 1x ERR LED, 1xUPS LED
Graphics	Interface	1xDP, up to 4096 x 2160@60Hz
Storage	Storage Device	EMMC/32G on board MRAM (reserved) 1x M.2242 SATA/NVME(PCIex2)
Ethernet	LAN	2x LAN(Intel I210AT), 1x ECAT(Intel I210AT)
Display	LCD	Monochrome 128x64 Dot Matrix Display, With up, down, back and confirm buttons
Power	Power Input	DC IN 24V, Electrolytic capacitor inside, 100ms Power-off Retention
	Power Interface	4-Pole Phoenix DC plug in
Others	others	1x PWR button 1x reset button RTC battery
Mechanical	Dimensions (WxHxD)	55x108x123 mm
	Weight	KG
	Mounting	Wall-mounting, Din rail mounting
Environment	Operating Temp.	-20~60°C
	Storage Temp.	-25~70°C
	Humidity	95%@40°C (non-condensing)
	Shock	With SSD: 15G, IEC 60068-2-27, half sine, 11ms duration
	Vibration	With SSD:2Grms, IEC 60068-2-64, random, 5~500Hz, 1 hr/axis

Model	CPU	DP	LAN	ECAT	USB-TYPE A USB3.0	USB-TYPE C USB3.0	COM	M.2
PAC-3020	N100	1	2	1	2	1	2	1

■ Packing List

Part Number	Description	Quantity
PAC-3020	PAC-3020 controller system	1