



MODEL: YJ1601X

User's Manual

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I. Specification

Model	YJ1601X
CPU	^R Intel® Core Ultra 125H/155H/185H
Memory	2*SO-DIMM DDR5, up to 96GB
Display	1*HDMI 1.4 TMDS
Storage	2*M.2 (PCIe4.0×4)
Ethernet	2*Marvell® 10Gb LAN controller
USB	1*USB-C 3.2 Gen 2 10Gbps 2*USB 3.2 Gen 2 10Gbps 1*USB 2.0
Expansion Slot	4*SATA(6Gb/s)
I/O Connectors	1*DC 1*HDMI 2*USB3.2 10Gbps 1*USB2.0 1*USB-C 10Gbps 2*LAN
Headers	2*SYS_FAN 1*CPU_FAN 1*GPIO_FPC 1*CLR_MOS 1*AUTO_PWR 1*JDB1 1*JP1 1*DCIN
System	WIN10 64 Bit WIN11 64Bit Linux
Temperature	Storage: -20~70℃ Operation:0~45℃
BIOS	AMI BIOS
DC Power	DC 12V 10A
Factor	195.3mm*122mm
Certification	N/A



III. Definition of Jumpers /Headers and Connectors

1. SYS_FAN (PH=2.54MM)

Graphic	Function	
	1: GND	2: 12V
	3: SENSE	4: Control

2. CPU_FAN (PH=2.54MM)

Graphic	Function	
	1: GND	2: 12V
	3: SENSE	4: Control

3. CLR_MOS (PH=2.54MM)

Graphic	Setting	Function
	1-2	Normal (Default)
	2-3	Clear CMOS

4. AUTO_PWR (PH=2.54MM)

Graphic	Setting	Function
	1-2	Normal (Default)
	2-3	AUTO POWER

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5. JDB1 (PH=2.54MM)

Graphic	Function	Function
1  3	1:TX	1:RX
	3: GND	

6. JP1 (PH=2.54MM)

Graphic	Function	Function
1  3	1:CLOCK	1:DATE
	3: GND	