



SKY 2-2I130DW

Fanless Embedded Computer

Intel® 13th Gen Raptor Lake-U | Core™ i7-1365UE / i5-1335UE

Fanless | No Moving Parts

Wide Temp -40 to +60 °C

CE / FCC Class A

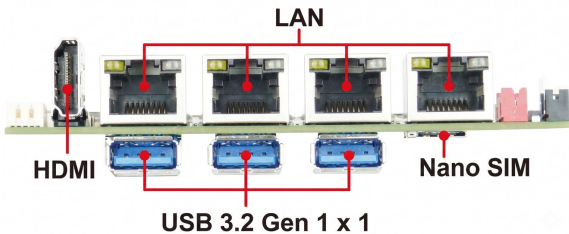
DC Input 9 to 36V



KEY SPECIFICATIONS

Motherboard	2I130DW
CPU Options	Intel® Core™ i7-1365UE – 10C (2P+8E) / 12T, up to 4.9 GHz, 12MB Cache Intel® Core™ i5-1335UE – 10C (2P+8E) / 12T, up to 4.5 GHz, 12MB Cache
Chipset	Intel Raptor Lake-U SoC
Memory	1x DDR5 SODIMM socket, Max. 32GB
Storage	M.2 NVMe SSD / 2.5" SATA SSD/HDD
M.2 Slot 1	M key 2280 – SATA / PCIe x4, NVMe
M.2 Slot 2	B key 2242/3042 – PCIe x2 / USB 3.2/2.0
Nano SIM	1x Nano SIM slot
Network	4x Intel® 2.5GbE
USB	3x USB 3.2 Gen1x1 Type-A (front) + 2x USB 2.0 (top)
Serial	2x RS232 / 422 / 485 (Optional)
Display	1x HDMI
GPIO	4x DI / 4x DO (Optional)

FRONT I/O



MECHANICAL & POWER

Dimensions	141W x 111.2D x 71.9H mm
Weight	1.25 kg
Mounting	VESA 75 / DIN-Rail / Wall Mount
DC Input	9 to 36V

ENVIRONMENT & CERTIFICATION

Operating Temp	-40 to +60 °C (100% CPU load)
Humidity	95% at 40 °C, non-condensing
Certification	CE / FCC Class A
OS Support	Windows 10/11 IoT Ubuntu 22.04+ Fedora 36+

OPTIONAL MODULES & ACCESSORIES

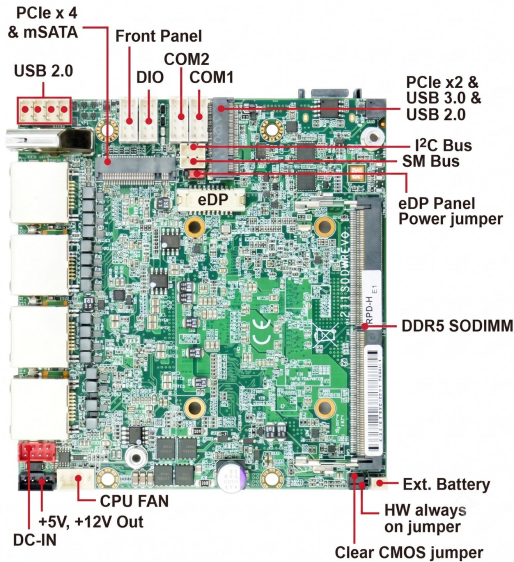
2x RS232 / 422 / 485 Module	M.2 NVMe Heatsink Kit (2280 / 2242)	4G / 5G Module	WiFi + Bluetooth Module
Digital I/O Module	2 / 4-Port PoE	SATA Kit	VESA 75 / DIN-Rail / Wall Mount Kit

2.5" Plus 108 x 102 mm

Wide Temp -40 to +70 °C

TPM 2.0 | AMI UEFI BIOS

DDR5 Max 32GB



KEY SPECIFICATIONS

CPU Options	Intel® Core™ i7-1365UE / i5-1335UE (13th Gen Raptor Lake-U)
Chipset	Intel Raptor Lake SoC
Graphics	Intel UHD Graphics
Memory	1x DDR5 5200/4800MHz SODIMM, Max 32GB
Storage	1x SATA 3.0 (6Gb/s)
M.2 Slot 1	M key 2280 – SATA / PCIe x4, NVMe
M.2 Slot 2	B key 2242/3042 – PCIe x2 / USB 3.2/2.0
BIOS	AMI UEFI BIOS
TPM	TPM 2.0
LAN	4x Intel® 2.5GbE I226 (external)
USB	3x USB 3.2 Gen1x1 Type-A (external) + 4x USB 2.0 (internal)
Display	1x HDMI + 1x eDP
Serial IO	2x RS232 / 422 / 485 (Optional)
GPIO	4x DI / 4x DO (hardware)
Nano SIM	1x Nano SIM
SMBus/I2C	1x SMBus / I2C
WDT	Hardware Watchdog 0 to 255 sec programmable

PHYSICAL

Form Factor	2.5" Plus
Dimensions	108 x 102 mm
Weight	115 g
Power Input	Wide Range DC IN +9 to 36V
Chassis	SKY 2

ENVIRONMENT & OS

Operating Temp	-40 to +70 °C (100% CPU load)
Humidity	5 to 95%, non-condensing
Certification	CE / FCC
OS Support	Windows 10/11 IoT Ubuntu 22.04+ Fedora 36+

EXPANSION OPTIONS

CN064 WiFi 6 + BT	CN067 4G / 5G Module	CN059 USB to Line-out/Mic	CC007 USB to 4-port COM
CIO116G 8DI + 8DO	PW351/352 1/2-port PoE PSE	PW301 802.3AF/AT PD Module	PW205 9-36V + Ignition
PW206 12V/24V DC Redundant	PW022 24V/48V Wide Range	eDP004 eDP to HDMI	eDP001 eDP to LVDS (OEM)