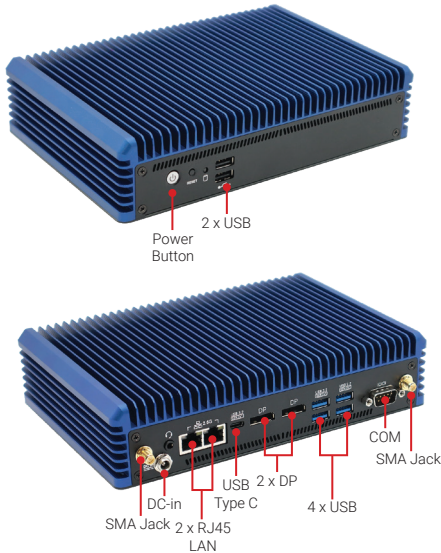




NUC-RPLP

13th Gen Intel® Core™ i7/i5/i3 Raptor Lake P Mobile Processor onboard, Small Fanless Embedded Computer



Features

- Motherboard Inside: ECM-RPLP 3.5" SBC
- Intel® Core™ i7/i5/i3 Mobile Processor supports up to 12 Cores, Intel® Raptor Lake P Platform
- 2 x DDR5 SODIMM sockets support up to 64GB
- Intel® Iris Xe Graphic/ Intel® UHD Graphics (CPU Dependent)
- 2 x DP++ support Dual Displays
- Integrated USB Type C Thunderbolt 4
- 2 x Intel® I226-LM Ethernet Controller (2.5 GbE), 2 x LAN Ports
- M.2 E-Key CNVi, M.2 M-Key NVMe, M.2 B-Key with Nano SIM Card Slot
- 4 x USB 3.2 (rear), 2 x USB 2.0 (front)
- 1 x COM Port
- 12V-24V DC-In
- Fanless Operation

SPECIFICATIONS

System	
Motherboard	ECM-RPLP3.5" SBC
Processor	Intel® Raptor Lake P Mobile Platform Intel® Core™ i7-1365UE (15W) Intel® Core™ i5-1335UE (15W) Intel® Core™ i3-1315UE (15W)
Chipset	SoC
Memory	2 x SODIMM sockets support DDR5 4800MHz up to 64GB
Display Chipset	Intel® UHD Graphics
Ethernet	2 x Intel® Ethernet Controller I226-LM (2.5GbE)
Audio Codec	Realtek HD Audio Codec
Expansion	1 x M.2 E-Key 2230, CNVi Support (PCIe x1 Channel & USB Signal) 1 x M.2 M-Key 2280 NVMe (Gen4 PCIe x4) 1 x M.2 B-Key 3042 with Nano SIM Card Socket (with PCIe x2, SATA, & USB Signal)
System Fan	Fanless
TPM	TPM 2.0
Supported OS	Win 10, Win 11, Linux Ubuntu
External I/O - Rear	
Display	2 x DisplayPort++
USB	4 x USB 3.2
Thunderbolt	1 x USB Type C Thunderbolt 4
LAN	2 x RJ45
DC	1 x Barrel Type DC-In
SMA	2 x Knockout for SMA Connectors
COM	1 x COM Port



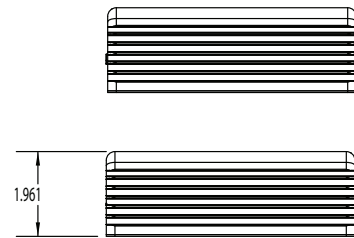
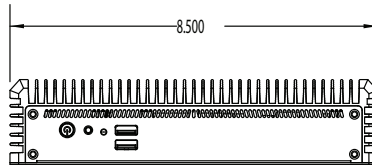
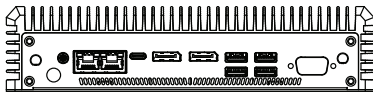
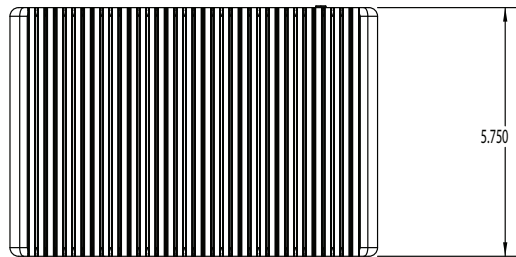
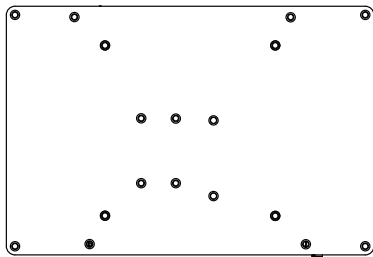
External I/O - Front	
USB	2 x USB 2.0
Power	1 x Power Button
Other	1 x Reset Button 1 x HDD LED Indicator
Mechanical, Power, and Environment	
Power Requirement	12V-24V Wide Range DC-In
Power Adapter	19V 120W Power Adapter
Operating Temp	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp	-20° C ~ 75° C (-14°F ~ 167°F)
OP Humidity	5% to 85% non-condensing
Cooling Design	Fanless through Aluminum Fin
Certification	FCC Class B/CE RoHS Compliant
Dimensions	8.50" x 5.75" x 1.96"
Weight	4 lbs (1.8 kgs)

SPECIFICATIONS / ADDITIONAL PRODUCT PHOTOS



DIMENSIONS

Unit: inch



ORDERING INFORMATION

Model Name	CPU/CPU Socket	Memory / Storage	Ethernet / LAN	Power Info
NUC-RPLP-65U	Intel® Core™ i7-1365UE	2xSODIMM Sockets	2 x RJ-45 (2.5GbE)	DC-in 12-24V
NUC-RPLP-35U	Intel® Core™ i5-1335UE	2xSODIMM Sockets	2 x RJ-45 (2.5GbE)	DC-in 12-24V
NUC-RPLP-15U	Intel® Core™ i3-1315UE	2xSODIMM Sockets	2 x RJ-45 (2.5GbE)	DC-in 12-24V

PACKING LIST

- ✓ 1 x NUC-RPLP Computer
- ✓ 19V 120W Power Adapter
- ✓ US Power Cord

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