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RugCon-RVS-T1 / X1

Compact Slim : 145 mm x 125 mm x 60 mm

Wide DC INPUT 6V~48V

Equipped with the latest Intel® 12th/13th generation Core i processor (U_15W), 2 network ports / 8 USB / 2 Display / 2 COM / Dual M.2 SSD / 5G / WIFI and vehicle ignition power control / remote power control

Reach to i7-1365U/UE



RVS-X1



RVS-T1

Features

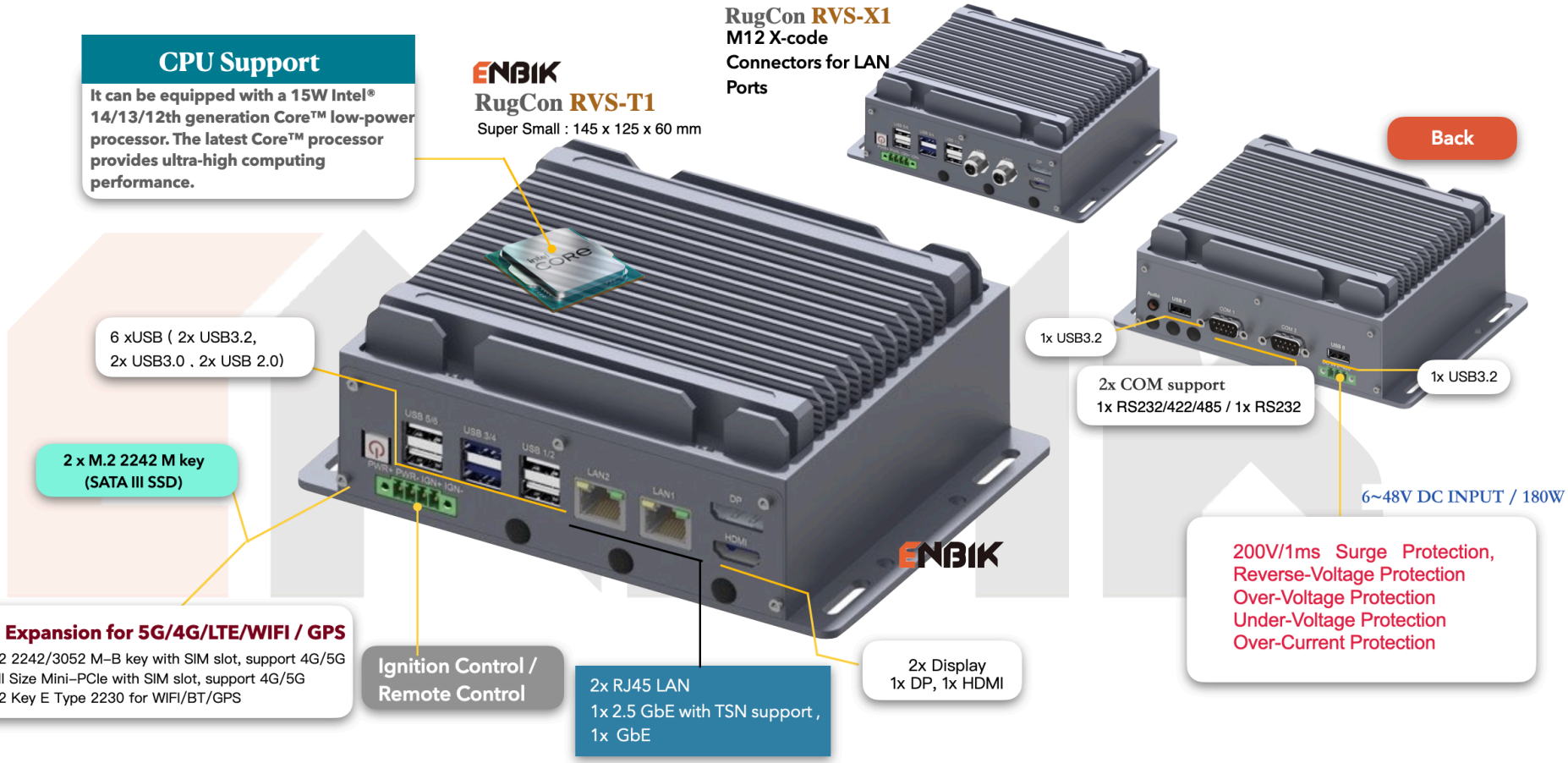
- ✓ Intel® 14th/ 13th/ 12th-Gen Core™ i7 /i5 /i3 (15W)
- ✓ 2x LAN
- ✓ 2x Displays (1x HDMI, 1x DP)
- ✓ 1x RS232/422/485, 1x RS232
- ✓ 8x USB (Support 6x USB3)
- ✓ 1x Mic In/Line Out
- ✓ 2x M.2 2242 M key (SATA III SSD) , support Raid 0/1
- ✓ 1x M.2 2242/3052 B key with SIM slot, support 4G/5G
- ✓ 1x Full Size Mini-PCIe with SIM slot, support 4G/5G
- ✓ 1x M.2 Key E Type 2230 for WIFI/BT/GPS
- ✓ 6~48V Wide DC In Voltage Input,
- ✓ Ignition Power Control
- ✓ Remote Control

RugCon-RVS-T1/X1 SPECIFICATION

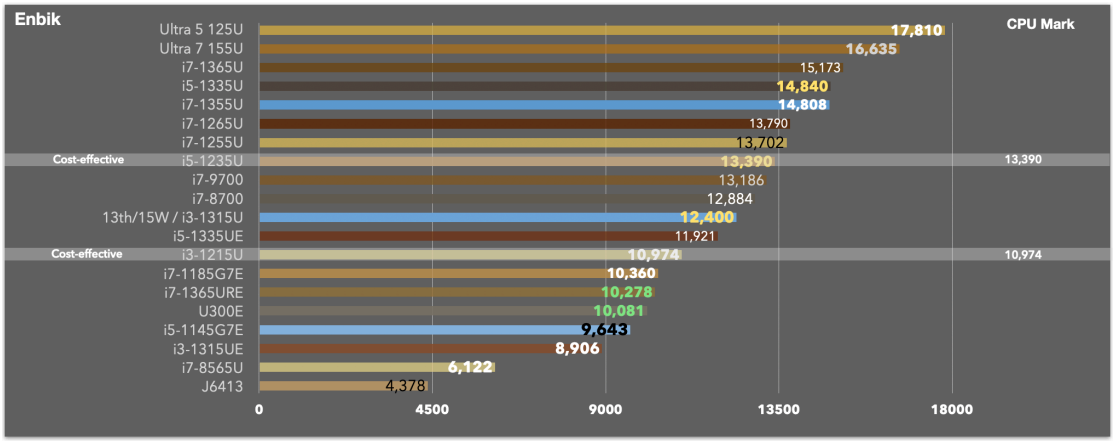
Product Name	RugCon-RVS-T1 / RVS-X1 (M12 LAN)
Generation	Intel® 14th/ 13th/ 12th-Gen Core™ i7 /i5 /i3 (15W)
Memory	Max. Capacity : 64GB DDR5 with 2x SO-DIMM
Display	2x Display 1x Display Port, 4096*2304@60Hz 1x HDMI , 4096*2160@60Hz
LAN	1x 2.5 GbE with TSN support , 1x GbE , M12 X-coded connector for LAN Ports (RVS- X1)
CAN	N//A
COM	1x RS232/422/485, 1x RS232
USB	8x USB (4x USB 3.2, 2x USB3.0 , 2x USB 2.0)
Audio	1x 3.5mm jack for Mic-In and Line-out
DIO	N//A
Storage	2x M.2 2242 M key (SATA III SSD) , Support Raid 0/1 , (1x M.2 2242 share with M.2 3052)
Internal Expansion	1x M.2 2242/3052 M-B key with SIM slot, support 4G/5G 1x Full Size Mini-PCIe with SIM slot, support 4G/5G 1x M.2 Key E Type 2230 for WIFI/BT/GPS
Mechanical	Dimension : 145(W) x 125(D) x60(H) mm , Weight : 1.7 Kg , Mounting : Wall Mount
Temperature	Operating :Standard : -10° C~60 °C , Extended Option : -25° C~70 °C Storage Temperature : -40°C to 85°C
Humidity	Operating : 0~95%(non-condensing Storage : 10~90%
Power	**1x 3-pin pluggable terminal block for 6~48V DC Input** **200V/1ms Surge Protection, Reverse-Voltage, Over-Voltage, Under-Voltage, Over-Current Protection** **1x Power Button** **1x 4-pin pluggable terminal block for Ignition/Remote**
Vibration / Shock	Vibration test according to MIL-STD-810H, Method 514.8, Category 4 Shock test according to MIL-STD-810H, Method 516.8, Procedure I
EMC	CE/FCC Class A , according to EN 55032 & EN 55035 , E-Mark / EN50155 / EN45545-2 by request

Interface Introduction

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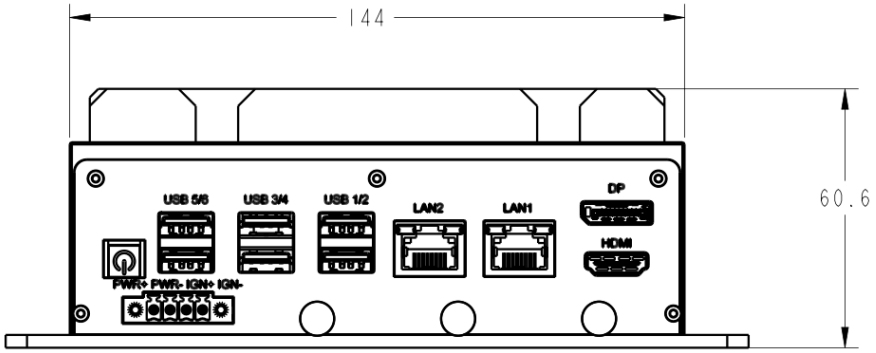


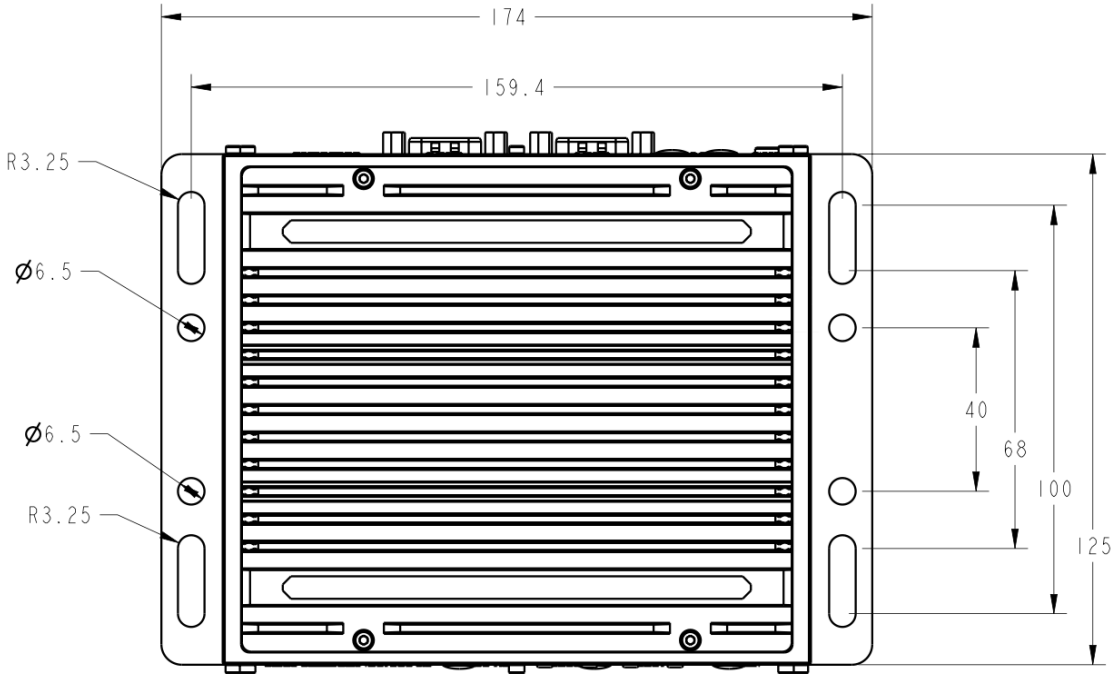
Performance



Dimension :

Compact Slim : 145 mm x 125 mm x 60 mm





CPU Support :

Intel 12th CPU Support List

12th Gen Intel® Core™ mobile processors (formerly Alder Lake–P) , Commercial	
CPU Module	**Description**
i5-1235U	Intel® CoreTM i5-1235U processor with 2 P-cores and 8 E-cores up to 4.4GHz | 12MB Intel® Smart Cache | Intel® Iris® Xe Graphics architecture with 80 EUs | Intel® code name Alder Lake-P (U-Series,15W)
i3-1215U	Intel® CoreTM i3-1215U processor with 2 P-cores and 4 E-cores up to 4.4GHz | 10MB Intel® Smart Cache | Intel® UHD Graphics 64EU | Intel® code name Alder Lake-P (U-Series,15W)

12th Gen Intel® Core™ mobile processors (formerly Alder Lake–P) , Industrial	
CPU Module	**Description**
i5-1245UE	Intel® CoreTM i5-1245UE processor with 2 P-cores and 8 E-cores up to 4.4GHz | 12MB Intel® Smart Cache | Intel® Iris® Xe Graphics architecture with 80 EUs | Intel® code name Alder Lake-P (U-Series,15W)
i3-1215UE	Intel® CoreTM i3-1215UE processor with 2 P-cores and 4 E-cores up to 4.4GHz | 10MB Intel® Smart Cache | Intel® UHD Graphics 64EU | Intel® code name Alder Lake-P (U-Series,15W)

Intel 13th CPU Support List

13th Gen Intel® Core™ mobile processors (formerly Raptor Lake–P) , Commercial	
CPU Module	**Description**
i5-1335U	Intel® CoreTM i5-1335U processor with 2 P-cores and 8 E-cores up to 4.6GHz | 12MB Intel® Smart Cache | Intel® Iris® Xe Graphics architecture with 80 EUs | Intel® code name Raptor Lake-P (U-Series,15W)
i3-1315U	Intel® CoreTM i3-1315U processor with 2 P-cores and 4 E-cores up to 4.5GHz | 10MB Intel® Smart Cache | Intel® UHD Graphics 64EU | Intel® code name Raptor Lake-P (U-Series,15W)

13th Gen Intel® Core™ mobile processors (formerly Raptor Lake–P) , Industrial	
CPU Module	**Description**
i5-1335UE	Intel® CoreTM i5-1335UE processor with 2 P-cores and 8 E-cores up to 4.5GHz | 12MB Intel® Smart Cache | Intel® Iris® Xe Graphics architecture with 80 EUs | Intel® code name Raptor Lake-P (U-Series,15W)
i3-1315UE	Intel® CoreTM i3-1315UE processor with 2 P-cores and 4 E-cores up to 4.5GHz | 10MB Intel® Smart Cache | Intel® UHD Graphics 64EU | Intel® code name Raptor Lake-P (U-Series,15W)