

QB-120 SERIES

Features

Intel® 13th Gen Raptor Lake-P Embedded/Industrial SKU Series

1 DDR5 5200 MHz SODIMM Slot up to 32GB

Fanless solution and compact housing

4 x USB3.2 Gen2, 2 x RS232, 4 x GLAN, 4 x HDMI

1 x M.2 M key, 1 x M.2 B key, 1 x M.2 E key

Wall Mount / DIN Rail installation

DC-in 12~24V

Wide operating temperature supported

IIoT gateway

Support Windows 11 IoT Enterprise (64-bit, 23H2, Pre-scan)



Specifications

SYSTEM	
CPU	Intel® Mobile 13th Core™ i7-1365UE , 28W
Memory	Single-channel DDR5 5200 MHz Up to 32 GB
Storage	1 x SATA 3.0
OS Support	Windows 10 IoT Enterprise 2021 LTSC (64-bit, 21H2) Windows 11 IoT Enterprise (64-bit, 23H2, Pre-scan) Linux (Support by request)
TPM	Infineon SLB9672VU2.0
I/O Ports	
* The I/O interface shown may vary depending on the selected motherboard.	
RS232	2
HDMI	4
GLAN	4
USB 3.2 Gen2	4
Expansion Slot	
M.2	1 x M.2 M key (PCIe Gen4 x4 NVMe), 2280 1 x M.2 B key (PCIe x1, USB 2.0, w/NANO SIM-Holder), 2242/3042 1 x M.2 E key (PCIe x1, USB 2.0, w/CNVi), 2230
MECHANICAL & ENVIRONMENTAL	
Operation Temp.	0 ~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Form Factor	
Mounting	Wall Mount / DIN Rail installation
Power Supply	2 Pin Power Terminal Block for DC-in 12~24V

