

Intel® Elkhart Lake Celeron®/Core™ i3/i5/i7 Fanless Box Computer with 6 x COM, 6 x USB, 2 x LAN

Overview

NBC-2360 is an advanced industrial computer equipped with extensive I/O options, offering great flexibility and effortless Mini PCIe expansion capabilities. It boasts wide-input power ranges, wide temperature tolerances, and enhanced structural durability, making it an excellent choice for industrial applications.

Features

- Intel® Elkhart Lake Celeron® J6412 / Core™ i3/i5/i7 processor
- 6 x COM (2 x RS-232/485 + 4 x Rs232)
- 2 x LAN, 6 x USB, 1 x HDMI, 1 x VGA
- 1 x M.2 2280 NVME
- 1 x Full length Mini PCIe



Operating Temp.



Power Input



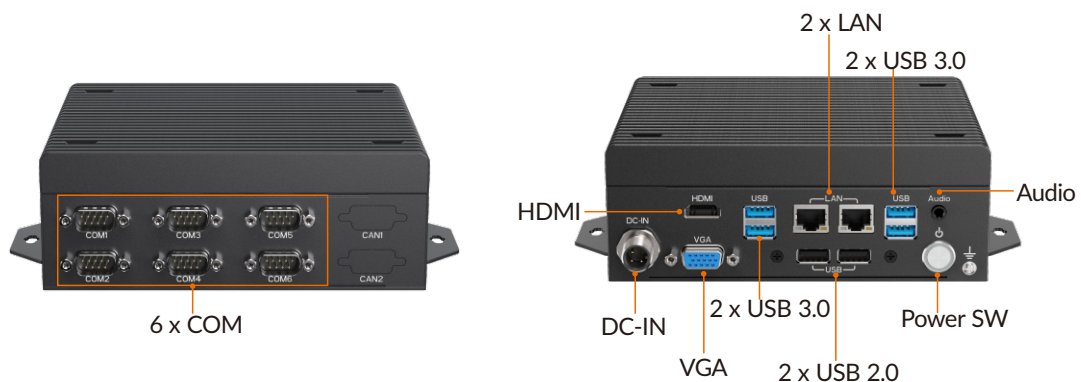
Fanless



Ultra-thin Handheld



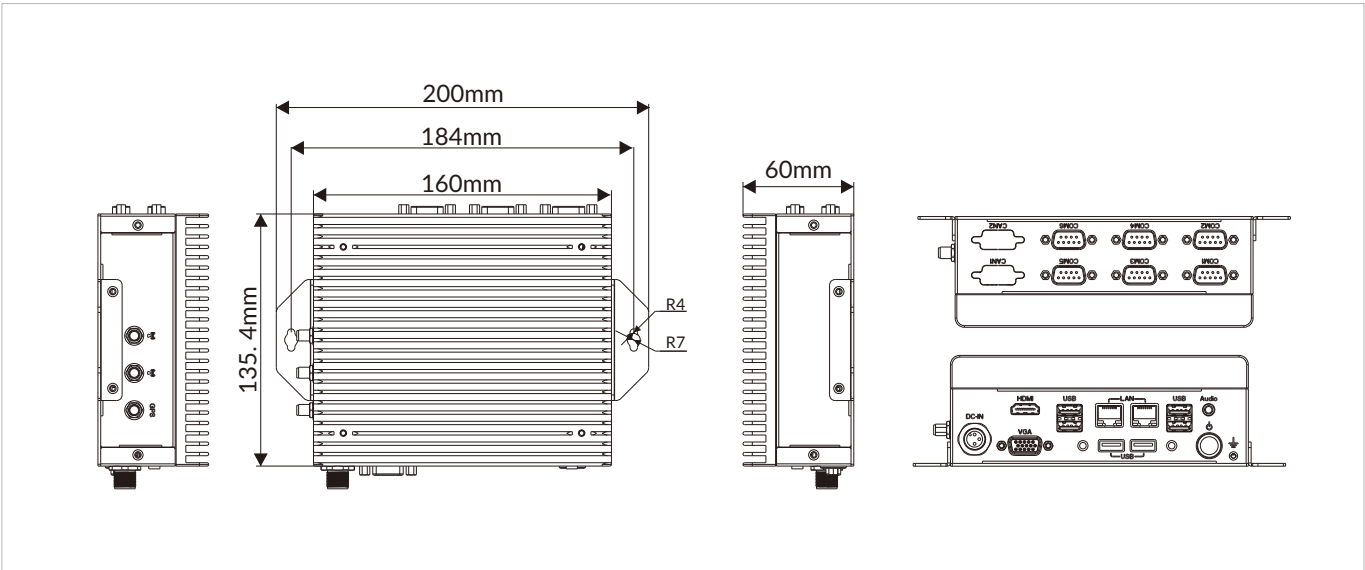
I/O Interfaces



Specifications

System				
CPU	Intel® Celeron® J6412 processor	Intel® Core™ i3-10110U/i5-10310U	Intel® Core™ i3-1115G4/i5-1155G7/i7-1195G7	Intel® Core™ i3-1215U/i5-1235U/i7-1255U7
CPU TDP	10W	15W		
Memory	1 x DDR4 3200 MHz SO-DIMM up to 32GB			
Storage	1 x M.2 2280 NVME			
BIOS	AMI UEFI			
Watchdog Timer	Software Programmable supports 256 levels system reset			
I/O Ports				
USB	2 x USB 2.0, 4x USB 3.0			
Serial	6 x COM (2 x RS-232/485 + 4 x RS232)			
Ethernet	2 x RJ45 GbE Intel® I210AT			
Display	1 x HDMI, 1x VGA			1 x HDMI
SIM Card Slot	1 x SIM card slot (inside)			
CAN bus	2 x CAN2.0b(Optional)			
Antenna	3 x SMA antenna holes			
Expansion Slot				
Mini PCIe	1 x Full length Mini PCIe			
M.2	1 x M.2 2280 NVME	1 x M.2 2280 NVME, 1 x M.2 2230 E-Key	1 x M.2 2280 NVME	1 x M.2 2280 NVME, 1 x M.2 2230 E-Key
RF Communication				
Wi-Fi	Mini PCIe expansion (optional)			
Cellular	Mini PCIe expansion (optional)			
Bluetooth	Mini PCIe expansion (optional)			
GNSS	Mini PCIe expansion (optional)			
Audio				
Audio	Mic in, line out			
Power				
Button	Yes			
DC Input	9-36VDC	12VDC	12VDC	9-36VDC
Power Mode	AT/ATX			
Operating System				
Windows	Windows 10/11			
Linux	Ubuntu			
Mechanical				
Dimensions (W x D x H)	160x 135.4x 60mm (6.3 x 5.33 x 2.36 inches)			
Weight (N.W.)	2 kg (4.41 lbs)			
Mounting	Wall mount			
Environment				
Operating Temperature	-10 to 60°C (14 to 140°F)			
Storage Temperature	-20 to 60°C (-4 to 140°F)			
Relative Humidity	10% to 95% @ 40°C (104°F), non-condensing			
Certification				
EMC	CE, FCC Class A			

Dimensions



Optional Accessories

Part No.	Description
A.02.001.000023	AC/DC power adaptor 60W 12V 5A (M12)

Ordering Information

Part No.	Description
NBC-2360-J6412	J6412 NBC with 6 x COM (2 x RS-232/485), 2 x LAN, 6 x USB, 1 x HDMI, 1 x VGA, 9-36VDC
NBC-2360-10110U	i3-10110U NBC with 6 x COM (2 x RS-232/485), 2 x LAN, 6 x USB, 1 x HDMI, 1 x VGA, 12VDC
NBC-2360-10310U	i5-10310U NBC with 6 x COM (2 x RS-232/485), 2 x LAN, 6 x USB, 1 x HDMI, 1 x VGA, 12VDC
NBC-2360-1115G4	i3-1115G4 NBC with 6 x COM (2 x RS-232/485), 2 x LAN, 6 x USB, 1 x HDMI, 1 x VGA, 12VDC
NBC-2360-1155G7	i5-1155G7 NBC with 6 x COM (2 x RS-232/485), 2 x LAN, 6 x USB, 1 x HDMI, 1 x VGA, 12VDC
NBC-2360-1195G7	i7-1195G7 NBC with 6 x COM (2 x RS-232/485), 2 x LAN, 6 x USB, 1 x HDMI, 1 x VGA, 12VDC
NBC-2360-1215U	i3-1215U NBC with 6 x COM (2 x RS-232/485), 2 x LAN, 6 x USB, 1 x HDMI, 1 x VGA, 9-36VDC
NBC-2360-1235U	i5-1235U NBC with 6 x COM (2 x RS-232/485), 2 x LAN, 6 x USB, 1 x HDMI, 1 x VGA, 9-36VDC
NBC-2360-1255U	i7-1255U NBC with 6 x COM (2 x RS-232/485), 2 x LAN, 6 x USB, 1 x HDMI, 1 x VGA, 9-36VDC