

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

Overview

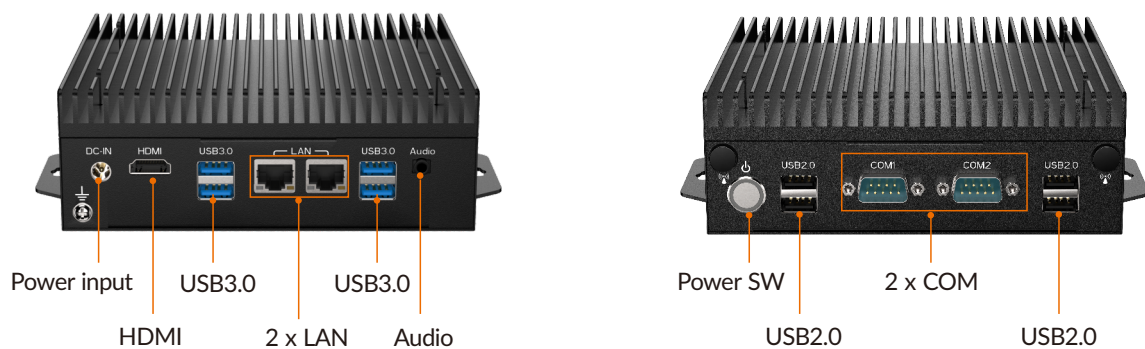
NBC-1360 is an advanced industrial computer equipped with extensive I/O options, offering great flexibility and effortless Mini PCIe expansion capabilities. It boasts wide-input power ranges, wide temperature tolerances, and enhanced structural durability, making it an excellent choice for industrial applications.

Features

- Intel® Elkhart Lake Celeron®/Core™ i3/i5/i7 processor
- 2 x COM (RS-232/485), 2 x LAN, 8 x USB, HDMI
- 1 x 2.5" SATA HDD/SSD, 1 x M.2 2280 NVME
- 1 x Full length Mini PCIe



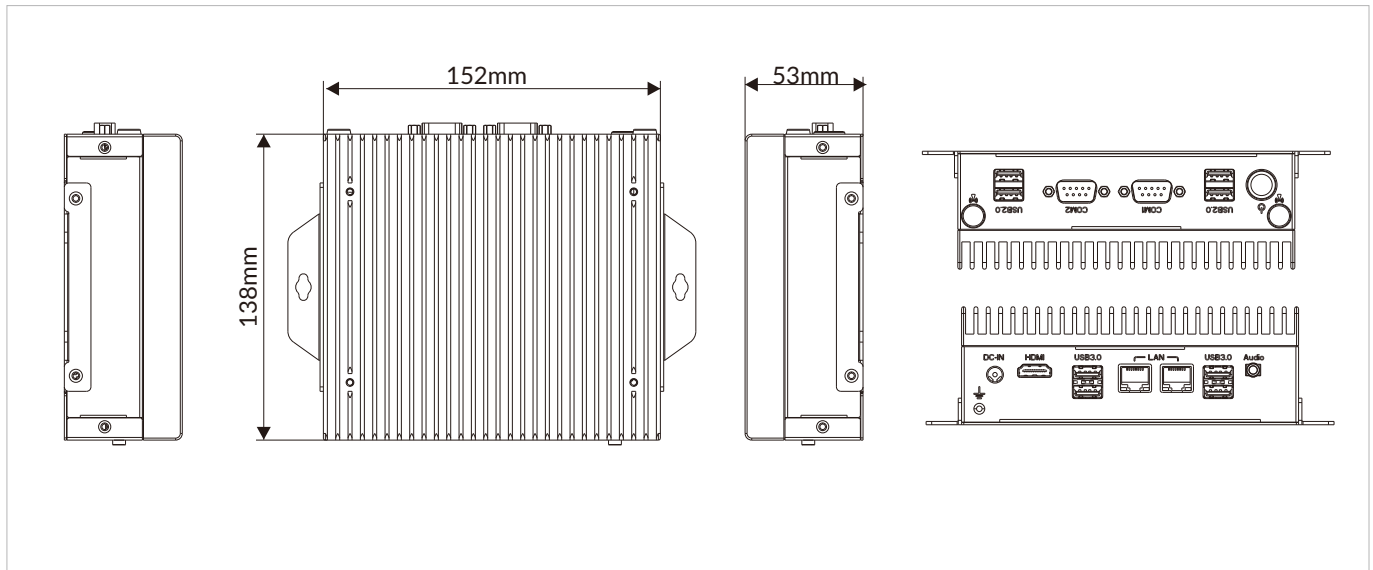
I/O Interfaces



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/i7-1255U
CPU TDP	10W	15W		
Memory	1 x DDR4 3200 MHz SO-DIMM up to 32GB			
Storage	1 x 2.5" SATA HDD 1 x M.2 2280 NVME			
BIOS	AMI UEFI			
Watchdog Timer	Software Programmable. Supports 256 levels system reset			
I/O Ports				
USB	4 x USB 2.0, 4 x USB 3.0			
Serial	2 x COM (RS-232/485)			
Ethernet	2 x RJ45 GbE Intel® I210AT			
Display	1 x HDMI			
SIM Card Slot	1 x SIM card slot (inside)			
Antenna	2 x SMA antenna holes			
Expansion Slot				
Mini PCIe	1 x Full length Mini PCIe			
M.2	1 x M.2 2280 NVME			
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)	152 x 138 x 53mm (5.98 x 5.43 x 2.09 inches)			
Weight (N.W.)	1.3 kg (2.87 lbs)			
Mounting	Wall mount			
Material	Aluminum alloy			
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.02.001.000022	AC/DC power adaptor 60W 12V 5A
C.02.009.000039	AC/DC power adaptor 84W 12V 7A

Ordering Information

Part No.	Description
NBC-1360-J6412	J6412 NBC with 2 x COM (RS-232/485), 2 x LAN, 8 x USB, HDMI, 9-36VDC
NBC-1360-10110U	i3-10110U NBC with 2 x COM (RS-232/485), 2 x LAN, 8 x USB, HDMI, 12VDC
NBC-1360-10310U	i5-10310U NBC with 2 x COM (RS-232/485), 2 x LAN, 8 x USB, HDMI, 12VDC
NBC-1360-1115G4	i3-1115G4 NBC with 2 x COM (RS-232/485), 2 x LAN, 8 x USB, HDMI, 12VDC
NBC-1360-1155G7	i5-1155G7 NBC with 2 x COM (RS-232/485), 2 x LAN, 8 x USB, HDMI, 12VDC
NBC-1360-1195G7	i7-1195G7 NBC with 2 x COM (RS-232/485), 2 x LAN, 8 x USB, HDMI, 12VDC
NBC-1360-1215U	i3-1215U NBC with 2 x COM (RS-232/485), 2 x LAN, 8 x USB, HDMI, 9-36VDC
NBC-1360-1235U	i5-1235U NBC with 2 x COM (RS-232/485), 2 x LAN, 8 x USB, HDMI, 9-36VDC
NBC-1360-1255U	i7-1255U NBC with 2 x COM (RS-232/485), 2 x LAN, 8 x USB, HDMI, 9-36VDC