

**NISE 50-SERIES****TECHNICAL DATA**

Front



Rear



Bay Trail

Apollo Lake

Model	NISE 50	NISE 50-1900-KS	NISE 51	NISE 51-J3455
Article n°	154514	161711	160839	160842

**SYSTEM**

CPU	Intel® Atom™ E3826 DC 1,80 GHz	Intel® Celeron® J1900 QC 2,42 GHz	Intel® Celeron® N3350 DC 2,4 GHz	Intel® Celeron® J3455 QC 1,5 GHz
Chipset	SoC			
RAM	2 GB DDR3L SO-DIMM	4 GB DDR3L SO-DIMM	8 GB DDR3L SO-DIMM	
HDD /SSD	16 GB EMMC	128 GB mSATA-6G SSD	16 GB EMMC 128 GB M.2 2242 SSD	
mSATA / CF / SIM Slot	1 x SIM-card slot		2 x M.2 Slots (1x taken) 1 x SIM-card slot	

**I/O INTERFACES**

Graphics	1 x HDMI	1 x DP
Serial Ports	2 x RS-232, 1x RS-422/485 with Autoflow Control	2 x RS-232, 1 x RS-232/422/485 with Autoflow Control
USB	4 x USB 2.0	2 x USB 3.0, 2 x USB 2.0
Ethernet	2 x Intel® I210-AT Gigabit-LAN	
Audio	Line-out	
Other	4x GPI, 4x GPO	
Expansion slots	-	
Additional extensions	3 x Mini-PCIe for optional WLAN / 3G / LTE / Modules 2 x Antenna holes	1 x Mini-PCIe for optional WLAN/3G/LTE Modules 3 x Antenna holes

**FURTHER DATA**

Operating system	Microsoft® Windows® 8.1, 64-bit	Microsoft® Windows® 10 IoT Enterprise 2019	
Operating temperature	0°C to +45°C with ambient airflow according to IEC60068-2-1; IEC60068-2-2; IEC60068-2-14		
Relative humidity, non-condensing	10% to 90%		10% to 95%
Power	24 V, 60 W Power Adapter	12 V, 60 W Power Adapter	24 V, 60 W Power Adapter
Dimensions (w x h x d)	162 x 26 x 150 mm		
Packing list	quick installation guide, driver CD, Windows® Recovery Medium, power adapter, 2 x rail kit		