



1119.00 EUR
 incl. 19% VAT, plus [shipping](#)

- Intel Kabylake-U !
- 2x Gigabit LAN !
- Fanless !
- 3x RS232 !



Support: [Specifications](#) | [MiAPI](#)

S310-11KS is a fanless box pc, powered by the 7th gen Kabylake-U performanceenhanced processor. The whole system is 1.5 liter size but still with versatile I/O aiming to adapt it in different environments and wide applications.

Long term availability until at least 2023 !

For a full PC you need in addition :
 - mSATA SSD oder 2.5" HDD/SSD
 - RAM

SYSTEM

CPU

7th Generation Kabylake Intel® Core™ i ULV Processor
 (Default: i3-7100U; Compatible with i7-7600U, i5-7300U, Celeron 3965U)

Option: 6th Generation Skylake Intel® Core™ i ULV Processor
 (Compatible with i7-6600U, i5-6300U, i3-6100U, Celeron 3955U)

CHIPSET

Intel® SoC integrated

SYSTEM MEMORY

DDR4 2133/2400, 260-pin SO-DIMM x 2, Max. 32 GB (Non-ECC)

GRAPHICS

Intel® HD Graphics

DISPLAY INTERFACE

DP, HDMI

STORAGE SLOT

2.5 HDD/SSD x 1 (Default w/ SATA and SATA Power Cable in Accessories)

mSATA x 1

ETHERNET

Intel® I219LM Giga LAN + I211AT Giga LAN

AUDIO

Realtek ALC283

I/O CHIPSET

Nuvoton NCT6104D

TPM

Nuvoton NPCT650ABCYX TPM2.0

EXPANSION SLOT	Storage: PCI Express Full-Length Mini Card slot (USB / PCIe / SATA) Wireless: M.2 2230 E key (PCIe / USB) GPIO x 8 (DB9 Connector) RS-232 x 2
FRONT I/O	RS-232/422/485 x 1 USB 2.0 x 2 Power Button, Power LED, HDD LED DC-in x 1 Audio Combo Jack (Mic-in and Line-out) x 1 DP x 1
REAR I/O	HDMI x 1 RJ-45 x 2 USB 3.0 x 4 SMA Antenna (Option for WiFi function)
H/W MONITOR	Temperature Monitor, Voltage Monitor
WATCHDOG TIMER	1~255 Steps by Software Program
INDICATOR	Power LED, HDD LED
POWER REQUIREMENT	
POWER INPUT	8~24V Wide Range DC-in Jack Connectivity (Default) 8~24V Wide Range DC Input w/ Terminal Block Connectivity (Optional)
POWER ADAPTER	AC to DC, DC19V/ 3.4A, 65W adaptor
MECHANICAL	
THERMAL DESIGN	Fanless
MOUNTING	VESA / Wallmount Kit (Default in Accessories)
DIMENSIONS (W X D X H)	7.4" x 5.8" x 2.2" (189.0mm x 147.4mm x 55.0mm)
MATERIAL	Top cover: Aluminum Alloy , Bezel and chassis: Steel
ENVIRONMENTAL	
OPERATING TEMPERATURE	-10~50°C with 0.7m/s Air Flow (w/ Extended Temp. SSD/mSATA/RAM) 0~40°C with 0.7m/s Air Flow (w/ Standard Temp.)
STORAGE TEMPERATURE	-20~80°C
OPERATING HUMIDITY	10%~90% (Non-condensing)
VIBRATION RESISTANCE	5Hz~500Hz/ 2Grms/ 3Axis (Non-operating)
SHOCK RESISTANCE	120G, 2ms Duration (Non-operating)
CERTIFICATION	CE & FCC
OS	
OS SUPPORT	KBL-U: Windows® 10, Linux support by request SKL-U: Windows® 10, Windows® 8.1, Windows® 7, Linux support by request