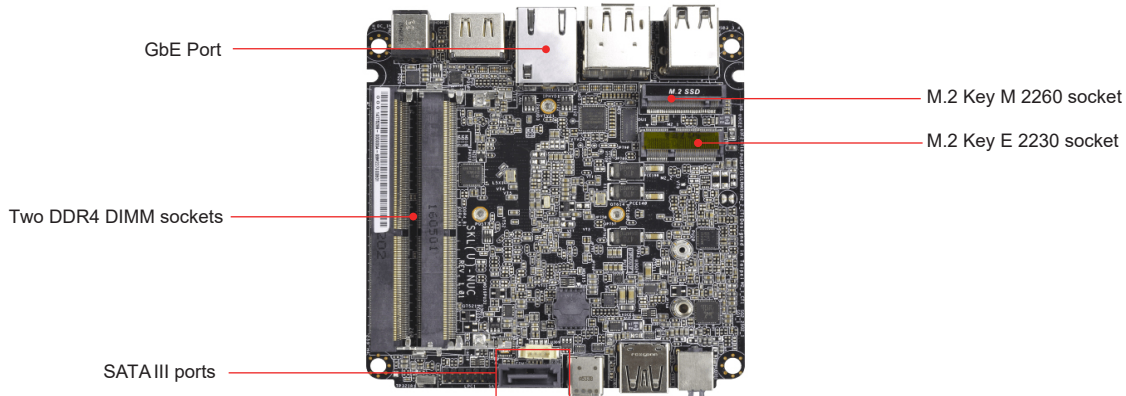


# WUX-7300U / 7100U

7<sup>th</sup> Gen Intel® Core™ processors based 4x4-inch mini PC Board with DDR4 SDRAM, Gigabit Ethernet, two M.2 sockets, one SATA port and 12V or 19V DC input

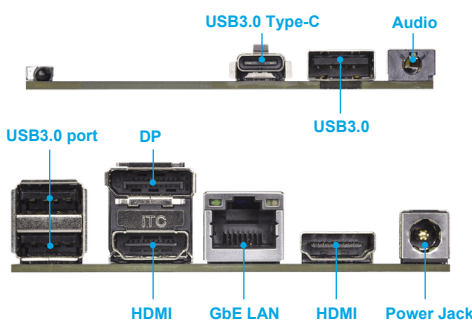


WUX-7300U / 7100U is designed with 7<sup>th</sup> Gen Intel® Core™ i5/i3 SoC processors (formerly Kaby Lake-U) featuring dual channel DDR4 memory, one Gigabit Ethernet port and two M.2 sockets (one Key E for Wireless, one Key M for SSD), and 12V or 19V DC power input.

## FEATURES

- 7<sup>th</sup> Gen Intel® Core™ i5/i3 U-series processors
- DDR4-2133 Non-ECC SDRAM on two SO-DIMM sockets, up to 32GB
- Dual displays including DP and HDMI up to UHD resolution
- 2x M.2 (E & M Key) slots, 1x Gigabit Ethernet, 3x USB 3.0, 1x USB 3.0 Type-C
- 12V or 19V DC power input

## REAR I/O



## GENERAL

Processor	7 <sup>th</sup> Gen Intel® Core™ i5-7300U/ i3-7100U processors
BIOS	AMI UEFI BIOS
Memory	Supports up to 32GB DDR4 2133 MHz SDRAM on two SO-DIMM sockets
Storage Devices	- 1x SATA III port - 1x M.2 Key M socket for SSD
Watchdog Timer	Programmable watchdog timer, time out period from 1 to 255 secs.
Hardware Monitoring	- Temperature (CPU & System) - Voltage (CPU Vcore, 12V, 5V, 3.3V, 1.35V)

## I/O INTERFACE

Expansion Interface	1x M.2 key E socket support WiFi, BT, 3G & 4G
Audio	- High Defini on Audio integrated in Intel SoC - Realtek ALC233 HDA codec - Audio jack with Line-out or Mic -in func on on rear I/O
Ethernet	One Intel I219LM w/ RJ-45 connector on rear I/O
USB	- 3x USB 3.0 ports on rear I/O - 1x USB 3.0 type-C port on rear I/O

## DISPLAY

Graphic Controller	Intel® HD 620 graphics supports DirectX 12, OpenGL 4.5
Display Interface	- 2x HDMI (1.4b) on rear I/O, resolution up to 4096 x2304 - 1x DisplayPort (1.2) on rear I/O, resolution up to 4096x2304

## Mechanical & Environment

Dimension	101.6(L) x 101.6(W) mm; 4"(L) x 4"(W)
Power Supply	DC 12 or 19V input
Environment	- Operating Temperature: 0°C to 60°C - Storage Temperature: -40°C to 80°C - Relative Humidity: 5% to 95%, non-condensing

## ORDERING GUIDE

ABC-3H64	(R).WUX-7100U. Intel Core i3-7100U Processor w/ DDR4/USB3.0/Dual HDMI/DP/LAN/Audio
ABC-3H65	(R).WUX-7300U. Intel Core i5-7300U Processor w/ DDR4/USB3.0/Dual HDMI/DP/LAN/Audio

