



# NUC-6100U / NUC-6300U

## Spotlight Features

- Intel® Skylake-U SoC
- Supports Dual Channel DDR4 2133MHz, 2 x SO-DIMM, up to 32GB system memory
- 2 x HDMI, 1 x DP
- Supports Dual Display (HDMI2 + DP or HDMI 1 + HDMI 2)
- 3 xUSB 3.0, 1 x USB 3.1 (Type C), 1 x IR
- Gigabit LAN : 1 x Intel i219V with non vPro (NUC-6100U)  
1 x Intel i219LM with vPro & TPM (NUC-6300U)
- 19V DC-in

## Specifications

Processor System	NUC-6100U	NUC-6300U
Dimension	4.09" x 4.02" (104 x 102mm)	
CPU	Intel® 6 <sup>th</sup> Gen Core U Processor ( Core i3-6100U)	Intel® 6 <sup>th</sup> Gen Core U Processor ( Core i5-6300U)
Core Number	2	
Max Speed	(By CPU)	
L2 Cache	3MB	
Chipset	(By CPU)	
BIOS	UEFI	

Expansion Slot	
M.2 for Wi-Fi	1 (TYPE 2230)
M.2 for SSD	1 (TYPE 2260)

Memory	
Technology	Dual Channel DDR4 2133 MHz
Max.	32 GB
Socket	2 x SO-DIMM

Graphics	
Controller	Intel® HD Graphics 520
VRAM	share Memory
VGA	no
LVDS	no
HDMI	HDMI 1 : Supports max resolution up to 4Kx2K@60Hz HDMI 2 : Supports max resolution up to 4Kx2K@30Hz
DVI	no
Display Port	Supports max resolution up to 4096x2160@60Hz
Multi Display	Yes (Dual Display, supports HDMI2 + DP or HDMI 1 + HDMI 2)

Ethernet		
Interface	10/100/1000 Mbps	
Controller	1 x Intel i219V (non vPro)	1 x Intel i219LM (vPro, TPM)
Connector	1 x RJ 45	

SATA	
Max Data Transfer Rate	SATA3 (6.0Gb/S)

Rear I/O	NUC-6100U	NUC-6300U
VGA	0	
HDMI	2	
DVI-I/D	0	
Display Port	1	
Ethernet	1	
USB	4 (3 x USB 3.0 compliant, 1 x USB 3.1 Type C)	
Audio	1 (Mic-in, Line-out)	
Serial	0	
e-SATA	0	
PS/2	0	

Internal Connector	
USB	0
LVDS/Inverter	0
VGA	0
Serial	0
SATA	1 x SATA3 ( 6.0Gb/s)
M.2 for Wi-Fi	1 (TYPE 2230)
M.2 for SSD	1 (TYPE 2260)
Parallel	0
IrDA	1
GPIO	0
SATA PWR Output Con	1
Speaker Header	0

Watchdog Timer	
Output	0
Interval	0

Power Requirements	
Input PWR	19V / 65W DC-In (DC Jack)
Power On	ATX Supported -ATX: Press Button to PWR on after Power input ready

Environment	
Operating Temperature	0°C – 60°C