



# NUC-8365UE

## Key Features

- Intel® 8<sup>th</sup> Gen (Whiskey lake-U) Core™ MCP Processors
- Supports Dual Channel DDR4 SO-DIMM 2400MHz, up to 32GB
- 1 x HDMI, 2 x Displayport
- Supports Triple Display
- 3 x USB 3.1, 2 x USB 2.0
- 1 x Intel LAN, 1 x Realtek LAN
- 12V DC-in

## Specifications

### Processor System

|            |                                                                                                                                                                                                         |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions | NUC (4.09-in x 4.02-in)                                                                                                                                                                                 |
| CPU        | Intel® 8 <sup>th</sup> Gen (Whiskey lake-U) Core™ MCP Processors<br>- NUC-8145UE (I3-8145UE DC, 2.2GHz, 15 W)<br>- NUC-8365UE (I5-8365UE QC, 1.6GHz, 15 W)<br>- NUC-8665UE (I7-8665UE QC, 1.8GHz, 15 W) |
| Chipset    | SoC                                                                                                                                                                                                     |

### Expansion Slot

|           |                                                                                                                                |
|-----------|--------------------------------------------------------------------------------------------------------------------------------|
| PCIe      | N/A                                                                                                                            |
| Mini-PCIe | N/A                                                                                                                            |
| M.2       | 1 x Key M (2242/2260/2280 by BRACKET) with PCIe x4 and SATA3 for SSD<br>1 x Key E (2230) with PCIe x1 and USB 2.0 for Wireless |
| mSATA     | N/A                                                                                                                            |

### Memory

|            |                            |
|------------|----------------------------|
| Technology | Dual Channel DDR4 2400 MHz |
| Max.       | 32 GB                      |
| Socket     | 2 x SO-DIMM                |

### Graphics

|               |                                                |
|---------------|------------------------------------------------|
| VGA           | N/A                                            |
| LVDS          | N/A                                            |
| eDP           | N/A                                            |
| HDMI          | Supports max resolution up to 4K x 2K@30Hz     |
| DVI           | N/A                                            |
| DisplayPort   | Supports max resolution up to 3840 x 2160@60Hz |
| Multi Display | Triple Display                                 |

### Ethernet

|            |                                        |
|------------|----------------------------------------|
| Interface  | 10/100/1000 Mbps                       |
| Controller | 1 x Intel I219LM, 1 x Realtek RTL8111H |

### Front I/O

|       |                      |
|-------|----------------------|
| Audio | 1 (Mic-in, Line-out) |
| USB   | 1 x USB3.1           |

### Rear I/O

|              |             |
|--------------|-------------|
| VGA          | N/A         |
| HDMI         | 1           |
| DVI-I/D      | N/A         |
| Display Port | 2           |
| Ethernet     | 1           |
| USB          | 2 x USB 3.1 |
| Audio        | N/A         |
| Serial       | N/A         |
| e-SATA       | N/A         |
| PS/2         | N/A         |

### Internal Connector

|                     |                          |
|---------------------|--------------------------|
| USB                 | 2 x USB 2.0              |
| LVDS                | N/A                      |
| eDP                 | N/A                      |
| VGA                 | N/A                      |
| Serial              | 1 x COM (RS-232/422/485) |
| SATA                | 1 x SATA3 (6.0 Gb/s)     |
| Parallel            | N/A                      |
| GPIO                | N/A                      |
| SATA PWR Output Con | 1                        |
| Speaker Header      | N/A                      |
| TPM                 | 1                        |

### Watchdog Timer

|          |     |
|----------|-----|
| Output   | N/A |
| Interval | 0   |

### Power Requirements

|           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| Input PWR | 12V DC-In (DC Jack)                                                   |
| Power On  | ATX Supported<br>-ATX: Press Button to PWR on after Power input ready |

### Environment

|                       |              |
|-----------------------|--------------|
| Operating Temperature | 0°C – 60°C   |
| Storage Temperature   | -40°C – 85°C |