

### Fully Configured “Turn Key” micro PC

Model No: N5-16G-250SS-WL-7P

#### What’s in the Box?

- Fully configured i5 NUC
- 19VDC Power Supply
- N. American Power Cord
- Windows 7 Pro Licence

#### Features

- i5 NUC
- Samsung 850 EVO SSD (250GB)
- Kingston 16GB DDR4-2133 SODIMM RAM
- AC-WiFi / Bluetooth 4.1
- Microsoft Windows 7 Pro Professional With Service Pack 1

#### CPU

1. 6th Generation Intel Core i5-6260U Processor
2. Mini DisplayPort\* supporting DP 1.2 HDMI\* port supporting HDMI 1.4b for dual display capability
3. Intel® Gigabit LAN
4. Dual Front Panel USB 3.0 ports
5. Dual back panel USB 3.0 ports
6. 19 V, 65 W DC power connector
7. Dual SO-DIMM sockets for memory expandability up to 32 GB
8. 3 yr. Warranty

#### DDR4-2133 SODIMM

<b>Brand</b>	Kingston
<b>Form Factor</b>	SODIMM
<b>Capacity</b>	16GB
<b>Warranty</b>	Limited Lifetime
<b>Specs</b>	DDR4 PC4-17000

#### Solid State Drive Specifications

<b>Form factor</b>	M.2
<b>Interface</b>	SATA Rev. 3.0 (6Gb/s)
<b>Capacity</b>	250GB
<b>Controller</b>	Samsung MGX
<b>Sequential Reads</b>	SATA Rev. 3.0 up to: 540 MB/s
<b>Sequential Writes</b>	SATA Rev. 3.0 up to: 500 MB/s
<b>QD32 4k Read/Write</b>	up to 97,000/89,000 IOPS
<b>QD1 4k Read/Write</b>	up to 10,000/40,000 IOPS
<b>Life expectancy</b>	1.5 million hours MTBF
<b>Warranty/support</b>	five-year limited warranty

#### Intel dual band Wireless-AC 8260

<b>Board Form</b>	PCIe Half Mini Soldered
<b>Factor</b>	Card/ M.2
<b>Sup Op Systems</b>	Win7, Win8, Win10, Linux
<b>TX/RX Streams</b>	2x2
<b>Bands</b>	2.4 GHz, 5 GHz
<b>Max Speed</b>	300/867 Mbps
<b>Wi-Fi CERTIFIED*</b>	802.11 ac/a/b/g/n
<b>Warranty</b>	Limited lifetime



### Specifications

#### Processor

- Intel® Core™ i5 6260U Processor (1.9 GHz with turbo capability to achieve 2.8 GHz, Dual-Core processor with 4 MB smart cache)
- Supports Intel® HyperThreading Technology
- Supports Intel® 64 architecture3

#### Chipset

- Intel® Iris Graphics

#### Graphics

- Intel® HD Graphics 540
- One Mini DisplayPort and One HDMI port supporting dual independent display capability



See pg. 1 for description of features numbered above

## Peripheral Connectivity

- Integrated Intel 10/100/1000 Network Connection (low power design)
- 4 Super-Speed USB 3.0 front panel ports (two back panel ports, two front panel ports)

## System Bios

- 64 Mb Flash EEPROM with Intel® Platform Innovation Framework for EFI Plug and Play
- Advanced configuration and power interface V3.0b, SMBIOS2.5
- Intel® Express BIOS update support Fast Boot BIOS
- Optimized POST for almost instant-on access to PC from power on

## Expansion Capabilities

- 1 NFC Header
- 1 AUX\_PWR header
- 2 Internal USB 2.0 ports via 2 1x4 headers

## Environment Operating Temperature

- 0° C to +50° C

## Storage Temperature

- -20° C to +70° C

## System Memory

- Dual-channel DDR4 with two connectors for 2133 MHz memory support (32 GB max)
- Memory Voltage 1.2 V

## Hardware Management Features

- Processor fan speed control
- System chassis fan speed control
- Voltage and temperature sensing
- Fan sensor inputs used to monitor fan activity
- ACPI-compliant power management control (16 GB max)

## Audio

- Intel® High Definition Audio5 (Intel® HD Audio) via HDMI 1.4b and DisplayPort 1.2 outputs supporting

## Baseboard Power Requirements

- DC Power 19 V, 65 W

## Jumpers and Front Panel Connectors

- Reset, HDD LED, Power LEDs, power on/off
- Dual Front-panel Super-Speed USB 3.0 connections
- Dual Super-Speed USB 3.0 connections via internal header

## Dimensions and Weight

- Dim: 4.6"W x 4.4"L x 1.5"H (116mm x 112mm x 36mm)
- Weight: 1.1 lbs. (0.5 kg)