

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

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

Solid State Drive Specifications

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

Intel dual band Wireless-AC 8260

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

