PERFORMANCE

Processor

Processor Family

Intel® Celeron® or Intel Pentium® Silver Processor

Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Celeron J4105	4	4	1.5GHz	2.5GHz	4MB	DDR4-2400	Intel UHD Graphics 600
Celeron J4005	2	2	2.0GHz	2.7GHz	4MB	DDR4-2400	Intel UHD Graphics 600
Pentium Silver J5005	4	4	1.5GHz	2.8GHz	4MB	DDR4-2400	Intel UHD Graphics 605

Operating System

Operating System

- Windows® 10 Home 64
- FreeDOS
- No operating system

Graphics

Graphics[1]

Graphics	Type	Memory	Connector	Max Resolution	Key Features
Intel UHD Graphics 605	Integrated	Shared	1x HDMI® 1.4, 1x VGA	4096x2160@30Hz(HDMI), 1920x1200@60Hz(VGA)	DirectX® 12
Intel UHD Graphics 600	Integrated	Shared	1x HDMI 1.4, 1x VGA	4096x2160@30Hz(HDMI), 1920x1200@60Hz(VGA)	DirectX 12

Notes:

1. Integrated graphics information and onboard video ports information are not applicable for all models without integrated graphics (for the details, please refer to processor section)

Monitor Support

Monitor Support

Supports up to 2 independent displays via onboard ports (VGA + HDMI)

Chipset

Chipset

Intel SoC (System on Chip) platform

Memory

Memory Type[1]

DDR4-2666

Memory Slots

One DDR4 SO-DIMM slots, dual-channel capable

Memory Protection

Non-ECC

Max Memory[2]

Up to 8GB DDR4-2666

Notes:

1. Installed memory is actually 2666MHz, but run at 2400MHz depending on the memory support capability of processor
2. The max memory is based on the test results with current Lenovo® memory offerings. The system may support more memory as the technology develops.

Storage

Storage Support

Up to 2 drives, 1x 3.5″ HDD + 1x 2.5″ SSD
? 3.5″ HDD up to 2TB
? 2.5″ SSD up to 256GB

RAID

Not support

Storage Type

Disk Type	Interface	RPM	Security
3.5″ SATA HDD	SATA 6Gb/s	7.2K	-
2.5″ SATA SSD	SATA 6Gb/s	-	-

Removable Storage

Optical

- DVD burner (DVD??RW), SATA 1.5Gb/s, slim (9.0mm)
- None

Card Reader

- 7-in-1 card reader (SD, SDHC, SDXC, MMC, MS, MS-Pro, MMC plus)
- No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC233 codec

Power Supply

Power Supply

Power	Type	Efficiency	Key Features
65W	Adapter	-	110V - 220V

DESIGN

Input Device

Keyboard

- Lenovo Calliope Keyboard (USB connector), black
- Lenovo Calliope Keyboard (USB connector), silver
- Lenovo Calliope Wireless Keyboard, silver
- No keyboard

Mouse

- Lenovo Calliope Mouse (USB connector), black
- Lenovo Calliope Mouse (USB connector), silver
- No mouse

Mechanical

Buttons

- Power button
- Optical drive eject button(for the models with ODD)

Form Factor

SFF (8.4L)

Dimensions (WxDxH)

90 x 297 x 344mm (3.54 x 11.69 x 13.54 inches)

Weight

4.3 kg (9.5 lbs)

Case Color

Silver

Bays

- 1x slim ODD bay
- 1x 2.5″ disk bay
- 1x 3.5″ disk bay

Expansion Slots

- One PCIe 2.0 x16, low-profile
- One PCIe 2.0 x1, low-profile
- Two M.2 slots (one for WLAN, one for SSD)

CONNECTIVITY

Network

Onboard Ethernet

Gigabit Ethernet, 1x RJ45

WLAN + Bluetooth™

- 802.11ac 1x1 Wi-Fi + Bluetooth 4.0, M.2 card
- No WLAN and Bluetooth

Ports

Front Ports[1]

- 2x USB 2.0
- 2x USB 3.1 Gen 1
- 1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

Optional Front Ports

1x card reader

Rear Ports[2]

- 2x USB 2.0
- 1x Ethernet (RJ-45)
- 1x HDMI 1.4 out
- 1x VGA
- 1x line-out (3.5mm)
- 1x power connector

Notes:

1. The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.
   USB 2.0: 480 Mbit/s;
   USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formely USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;
   USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formely USB 3.1 Gen 2): 10 Gbit/s;
   USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
   Thunderbolt™ 3: 40 Gbit/s;
   FireWire 400: 400 Mbit/s;
   FireWire 800: 800 Mbit/s;
2. For video ports on discrete graphics, please see graphics section

SECURITY & PRIVACY

Security

BIOS Security

- Power-on password
- Administrator password
- Hard disk password

SERVICE

Warranty

Base Warranty

- 1-year depot or mail-in service
- 1-year limited onsite service
- 2-year depot service

CERTIFICATIONS

Green Certifications

Green Certifications

- ErP Lot 3
- RoHS compliant