Lenovo V320 Tower 10N5000N++

Region
EMEA

Machine Type
10N5

TopSeller
TopSeller

Processor
Pentium J4205 (4C, 1.5 / 2.6GHz, 2MB)

Graphics
Integrated Intel HD Graphics 505

Memory
4GBx1

Storage
500GB 7200rpm 3.5"

Optical
DVD±RW

Media Reader
None

WLAN + Bluetooth
None

Keyboard / Mouse
USB / USB

Bundled Monitor
None

Power Supply
65W 88% Adapter

ENERGY STAR
ENERGY STAR 6.1

Operating System
Windows 10 Pro 64

Warranty
1-year, Onsite

Global
No

End of Support
Feb 28, 2023

Ann Date (mm/yy)
01/17

Note:
Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "**" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries

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Lenovo V320-15IAP Tower Platform Specifications

Product Specifications Reference (PSREF)

Processor

Intel® Celeron® or Intel Pentium® Processors

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Celeron J3355	2 / 2	2.00 GHz / 2.50 GHz	2 MB	DDR3L-1600	Intel HD 500
Pentium J4205	4 / 4	1.50 GHz / 2.60 GHz	2 MB	DDR3L-1600	Intel HD 505

Intel Architecture (IA) SoC that integrates Intel processor core, graphics, memory controller, and I/O interfaces into a single system-on-chip solution

Memory

8GB max / DDR3 Low Voltage, DDR3L-1600, non-parity, one 204-pin SO-DIMM socket

Disk

Some: Hard disk, SATA 6.0Gb/s, 3.5" wide, 7200 rpm
Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

Optical

Some: Slim Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive, 9mm

Onboard SATA

SATA cables match SATA devices (each 1-drop to device), two SATA 6.0Gb/s connectors (for HDD/SSD and ODD) on planar

Media reader

Optional 7-in-1 media reader

Graphics

Intel HD Graphics 500/505 in processor, uses main memory, one VGA, one HDMI, supports dual independent display;
Max resolution: 3840x2160 (HDMI)@30Hz; 2048x1536 (VGA)@50Hz
Some: **NVIDIA Geforce® GT 730**, DirectX 12, 1GB, PCIe 2.0 x8 adapter, one VGA, one HDMI, 35 watts max;
Max resolution: 3840x2160 (HDMI)@30Hz; 2048x1536 (VGA)@75Hz

DP cable

None

Chipset

Intel System-on-Chip (SoC) platform

Front ports

Two USB 2.0, two USB 3.0, microphone (3.5mm), headphone (3.5mm)

Rear ports

Two USB 2.0, ethernet (RJ-45), VGA*, HDMI*, additional VGA, and HDMI on optional graphic card
* Onboard VGA and HDMI are disabled for the models with discrete graphic card

Rear audio ports

Line-in (3.5mm), line-out (3.5mm), microphone (3.5mm)

IEEE 1394

None

Audio support

High Definition (HD) Audio, Realtek® ALC662 codec

WLAN[13]

Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.2 combo adapter, 1x1

Bluetooth™

Some: Bluetooth 4.x wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet

One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®

Modem

None

Manageability

None

Security chip

None

Security features

- One lock to secure both cover and entire system to fixed object:
  - -Padlock loop (in rear for opt padlock)
  - -Security slot (in rear for optional Kensington® MicroSaver® cable)
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- USB port disablement

Keyboard

Lenovo Slim USB Keyboard (USB connector), black, Lenovo logo

Mouse

Optical Wheel Mouse (USB connector), black, Lenovo logo

Mechanical

- Tower (15L), black color
- 5.7" W X 10.8" D X 14.2" H
- 145mm W X 275mm D X 360mm H
- 10.6 lb (4.8 kg) in maximum configuration

Bay 1: 5.25, silm, external, ODD
Bay 2: 3.5", 1" high, internal, HDD/SSD
Bay 3: 3.5", 1" high, internal, HDD/SSD
Slot 1: half-length, full-height, PCIe 2.0 x16 (optional GT730 1GB discrete graphic card needs 90W adapter)
Slot 2: half-length, full-height, PCIe 2.0 x1
Slot 3: M.2 slot for optional WLAN

Power supply

Some: 65 watts adapter, autosensing, 88% efficiency
Some: 90 watts adapter, autosensing, 88% efficiency

Limited warranty[3]

Some: **1-year**, **depot service**
Some: **1-year**, **limited onsite service**
For Lenovo service upgrade options, please go to **http://www.lenovoquickpick.com/**

Preload

Preloaded operating system
Some: Windows 10 Pro 64-bit
Some: Windows 10 Home 64-bit
Preloaded applications (only some listed)

- Lenovo Companion
- Lenovo App Explorer
- Lenovo ID
- Microsoft® Office preloaded; purchase a product key to activate

Environment

ENERGY STAR® 6.1; ErP Lot 3; GREENGUARD®; RoHS/WEEE/REACH

Accessories

For compatible accessories, please go to **http://www.lenovoquickpick.com/**

See footnotes for more detailed information

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