



## Lenovo IdeaPad 100S-14IBR Intel® Celeron® N3050 Laptop 35,6 cm (14") 2 GB DDR3L-SDRAM 32 GB Windows 10 Home Silver

**Brand :** Lenovo

**Product family:** IdeaPad

**Product code:** 80R9001AMX

**Product name :** 100S-14IBR



Intel Celeron Processor N3050 (2M Cache, up to 2.16 GHz), 2GB RAM, 32GB eMMC, 14" HD (1366x768), Intel HD Graphics, Windows 10 Home 64

Lenovo IdeaPad 100S-14IBR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Celeron®, Processor model: N3050, Processor frequency: 1,6 GHz. Display diagonal: 35,6 cm (14"), Display resolution: 1366 x 768 pixels. Internal memory: 2 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 32 GB. On-board graphics card model: Intel® HD Graphics. Operating system installed: Windows 10 Home. Product colour: Silver. Weight: 1,43 kg



Design		Processor special features	
Product type *	Laptop	Intel Smart Connect Technology	✗
Product colour *	Silver	Intel® Anti-Theft Technology (Intel® AT)	✗
Form factor *	Clamshell	Intel® Smart Response Technology	✗
Housing material	Acrylonitrile butadiene styrene (ABS), Plastic, Polycarbonate (PC)	Intel® Identity Protection Technology (Intel® IPT)	✓
Display		Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Display diagonal *	35,6 cm (14")	Intel® Turbo Boost Technology	✗
Display resolution *	1366 x 768 pixels	Intel® Small Business Advantage (Intel® SBA)	✗
Touchscreen *	✗	Intel® High Definition Audio (Intel® HD Audio)	✓
HD type	Not supported	Enhanced Intel SpeedStep Technology	✓
LED backlight	✓	Intel® Built-in Visuals Technology	✓
Native aspect ratio	16:9	Intel HD Graphics	✓
Display brightness	220 cd/m²	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Dual-screen	✗	Intel Clear Video Technology	✓
Contrast ratio (typical)	500:1	Intel® InTru™ 3D Technology	✗
Processor		Intel® Insider™	✗
Processor manufacturer *	Intel	Intel® Quick Sync Video Technology	✓
Processor family *	Intel® Celeron®	Intel Flex Memory Access	✗
Processor model *	N3050	Intel® Smart Cache	✗
Processor cores	2	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor threads	2	Intel Trusted Execution Technology	✗
Processor boost frequency	2,16 GHz	Intel Enhanced Halt State	✓
Processor frequency *	1,6 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
System bus rate	5 GT/s	Intel Demand Based Switching	✗
Processor cache	2 MB	Intel® Secure Key	✓
Processor cache type	L2	Intel Stable Image Platform Program (SIPP)	✗
Processor socket	BGA 1170	Intel® OS Guard	✗
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor series	Intel Celeron N3000 series		
Processor codename	Braswell		
FSB Parity	✗		
Stepping	C0		
Thermal Design Power (TDP)	6 W		
Scenario Design Power (SDP)	4 W		
Tjunction	90 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	4	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
PCI Express slots version	2.0	Intel 64	✓
PCI Express configurations	1x4, 4x1	Execute Disable Bit	✓
ECC supported by processor	✗	Idle States	✓
Memory		Thermal Monitoring Technologies	✓
Internal memory *	2 GB	Processor package size	25 x 27 mm
Internal memory type	DDR3L-SDRAM	Processor code	SR29H
Memory clock speed	1600 MHz	CPU configuration (max)	1
Memory form factor	On-board	Embedded options available	✗
Maximum internal memory *	2 GB	UART	✓
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	✗
Total storage capacity *	32 GB	Intel Secure Boot	✓
Flash memory	32 GB	Intel Smart Connect Technology version	0,00
Optical drive type *	✗	Intel Identity Protection Technology version	1,00
Card reader integrated	✓	Intel Smart Response Technology version	0,00
Compatible memory cards	MicroSD (TransFlash)	Intel Secure Boot Technology version	1,00
Graphics		Intel Stable Image Platform Program (SIPP) version	0,00
Discrete graphics card model *	Not available	Intel Secure Key Technology version	1,00
On-board graphics card *	✓	Intel Small Business Advantage (SBA) version	0,00
Discrete graphics card *	✗	Intel Virtualization Technology (VT-x)	✓
On-board graphics card family	Intel® HD Graphics	Intel Dual Display Capable Technology	✗
On-board graphics card model *	Intel® HD Graphics	Intel FDI Technology	✗
On-board graphics card base frequency	320 MHz	Intel Rapid Storage Technology	✗
On-board graphics card burst frequency	600 MHz	Intel Fast Memory Access	✗
Maximum on-board graphics card memory	8 GB	Processor ARK ID	87257
Number of execution units	12	Conflict-Free processor	✓
On-board graphics card DirectX version	✓	Integrated 4G WiMAX	✗
Graphics card Open GL support	✓	Battery	
Audio		Battery technology	Lithium-Ion (Li-Ion)
Audio system	HD	Number of battery cells	2
Number of built-in speakers	2	Power	
Speaker power	1 W	AC adapter power	45 W
Built-in microphone	✓	AC adapter frequency	50 - 60 Hz
Camera		AC adapter input voltage	100 - 240 V
Front camera	✓	DC-in jack	✓
Front camera resolution	1280 x 720 pixels	Security	
Network		Password protection	✓
Wi-Fi	✓	Password protection type	HDD, Supervisor
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Operational conditions	
Ethernet LAN	✗	Operating temperature (T-T)	5 - 35 °C
Bluetooth	✓	Storage temperature (T-T)	5 - 43 °C
Bluetooth version	4.0	Operating relative humidity (H-H)	8 - 95%
Ports & interfaces		Storage relative humidity (H-H)	5 - 95%
USB 2.0 ports quantity *	2	Operating altitude	0 - 2438 m
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Certificates	
HDMI ports quantity *	1	Compliance certificates	RoHS
DVI port	✗		
Mini DisplayPort/Thunderbolt combo port	✗		
LAN/VGA combo port	✗		
Headphone outputs	1		

Ports & interfaces		Sustainability	
Microphone in	✓	Sustainability certificates	EPEAT Silver, ENERGY STAR
Combo headphone/mic port	✓	Weight & dimensions	
ExpressCard slot	✗	Width	337,4 mm
CardBus PCMCIA slot type	✗	Depth	237,2 mm
SmartCard slot	✗	Height	18,6 mm
TV-out	✗	Weight *	1,43 kg
Total number of SATA connectors	2	Packaging content	
Number of SATA III connectors	2	Mouse included	✗
Performance		AC adapter included *	✓
Motherboard chipset	Intel SoC	Handheld remote control	✗
Keyboard		Manual	✓
Pointing device	Touchpad	Power cord included	✓
Numeric keypad *	✗	Other features	
Windows keys	✓	LightScribe	✗
Software		3D	✗
Operating system architecture	64-bit		
Operating system installed *	Windows 10 Home		
Processor special features			
Intel® Wireless Display (Intel® WiDi)	✓		
Intel® My WiFi Technology (Intel® MWT)	✗		



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