Lenovo

Lenovo IdeaPad G470 Intel® Pentium® B940 Laptop 14" 2 GB DDR3-SDRAM 500 GB HDD AMD Radeon HD 6370M FreeDOS Black

Brand : Lenovo   **Product family:** IdeaPad   **Article code:** 59-326742

Product name : G470

Intel Pentium B940(2.0GHz), 2GB RAM, 500GB HDD, Free DOS
Lenovo IdeaPad G470. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Pentium®,
Processor model: B940, Processor frequency: 2 GHz. Display diagonal: 14", Display resolution: 1366 x
768 pixels. Internal memory: 2 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB,
Storage media: HDD, Optical drive type: DVD-RW. On-board graphics card model: Intel® HD Graphics.
Operating system installed: FreeDOS. Product color: Black

Design	
Product type *	Laptop
Product color *	Black
Form factor *	Clamshell

Display	
Display diagonal *	14"
Display resolution *	1366 x 768 pixels
LED backlight	✔
Native aspect ratio	16:9
Dual-screen	✘

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Pentium®
Processor model *	B940
Processor cores	2
Processor threads	2
Processor frequency *	2 GHz
Processor cache	2 MB
Processor cache type	L3
Processor socket	PGA988
Processor lithography	32 nm
Processor operating modes	64-bit
Processor series	Intel Pentium B900 Series for Mobile
Processor codename	Sandy Bridge
Bus type	DMI
FSB Parity	✘
Thermal Design Power (TDP)	35 W
Tjunction	85 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	2.0
PCI Express configurations	1x16, 2x8, 1x8+2x4
CPU multiplier (bus/core ratio)	20
ECC supported by processor	✘

Memory	
Internal memory *	2 GB
Internal memory type	DDR3-SDRAM
Memory clock speed	1333 MHz
Maximum internal memory *	8 GB

Storage	
Total storage capacity *	500 GB

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✘
Full-size keyboard	✔
Windows keys	✔

Software	
Operating system installed *	FreeDOS

Processor special features	
Intel® Wireless Display (Intel® WiDi)	✘
Intel® My WiFi Technology (Intel® MWT)	✘
Intel® Anti-Theft Technology (Intel® AT)	✘
Intel® Hyper Threading Technology (Intel® HT Technology)	✘
Intel® Turbo Boost Technology	✘
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✘
Intel Clear Video Technology	✘
Intel® InTru™ 3D Technology	✘
Intel® Insider™	✘
Intel® Quick Sync Video Technology	✘
Intel Flex Memory Access	✔
Intel® AES New Instructions (Intel® AES-NI)	✘
Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✘
Intel Demand Based Switching	✘
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✘
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	37.5x37.5 (rPGA988B)
Supported instruction sets	SSE4.x

Storage

Storage media *	HDD
Number of HDDs installed	1
HDD capacity	500 GB
HDD interface	SATA
HDD size	2.5"
Optical drive type *	DVD-RW
Card reader integrated	✔
Compatible memory cards	Memory Stick (MS), MMC, MS PRO, SD, xD

Graphics

Discrete graphics card model *	AMD Radeon HD 6370M
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics
On-board graphics card base frequency	650 MHz
On-board graphics card dynamic frequency (max)	1100 MHz

Audio

Audio system	HD
Number of built-in speakers	2
Speaker power	1.5 W
Built-in microphone	✔

Camera

Front camera resolution (numeric)	0.3 MP

Network

Wi-Fi	✔
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN	✔
Ethernet LAN data rates	10,100 Mbit/s
Bluetooth	✘

Ports & interfaces

USB 2.0 ports quantity *	4
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
DVI port	✘
VGA (D-Sub) ports quantity	1
Headphone outputs	1
S/PDIF out port	✘
Microphone in	✔
Docking connector	✘
ExpressCard slot	✘
CardBus PCMCIA slot type	✘
SmartCard slot	✘
TV-out	✘

Processor special features

CPU configuration (max)	1
Embedded options available	✘
Graphics & IMC lithography	32 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✘
Intel Virtualization Technology (VT-x)	✘
Intel Dual Display Capable Technology	✔
Intel FDI Technology	✔
Intel Rapid Storage Technology	✘
Intel Fast Memory Access	✔
Processor ARK ID	55626
Conflict-Free processor	✘
Integrated 4G WiMAX	✘

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	6
Battery life (max)	5 h

Power

AC adapter frequency	50 - 60 Hz
DC-in jack	✔

Security

Cable lock slot	✘

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width	13.4" (340 mm)
Depth	9.13" (231.8 mm)
Height (front)	0.677" (1.72 cm)
Height (rear)	1.35" (3.44 cm)
Weight *	4.85 lbs (2.2 kg)

Packaging content

AC adapter included *	✔

Other features

LightScribe	✘
Infrared data port	✘
3D	✘
Swivel webcam	✘
Display	LED
Wake-on-LAN ready	✔
External display	✘

Catalog Object Cloud