



### Lenovo ThinkCentre M90z 3429 - All-in-one

1 x Core i3 550 / 3.2 GHz - RAM 3 GB - HDD 1 x 320 GB -  
 DVD-Writer - HD Graphics - Gigabit Ethernet - WLAN :  
 802.11b/g/n - Windows 7 Pro 64-bit - Monitor : 23"  
 Widescreen TFT

**\$989.00**

Manufacturer # 3429D3U

*Plus Shipping, Handling and Applicable Sales Tax*

The ThinkCentre M90z All-In-One (AIO) desktop is the perfect answer for today's large enterprises that demand strong computing, delivered with a more energy-efficient, space-saving and greener machine. Integrated into a single unit, the ThinkCentre M90z promises a well-organized, clutter-free work environment along with an optional wireless keyboard and mouse. Empowering large PC fleets, the ThinkCentre M90z provides a premium, yet fresh computing experience. Further, the exceptional ThinkCentre M90z is less dependent on IT support with an easy-to-service, tool-less chassis that enables end users to quickly access and upgrade the memory and the hard drive. The ThinkCentre M90z AIO incorporates the latest technology, along with optimum security and manageability features to offer the convenience of a traditional desktop and the comfort of an All-In-One! **Contact Jeremy at Solutions, Inc (712) 262-4520!**

#### Main Specifications

Product Description	Lenovo ThinkCentre M90z 3429 - Core i3 550 3.2 GHz - 23" TFT
Type	Personal computer
Form Factor	All-in-one
Dimensions (WxDxH)	22 in x 4.3 in x 17.4 in
Weight	23.6 lbs
Localization	English
Processor	1 x Intel Core i3 550 / 3.2 GHz ( Dual-Core )
Processor Main Features	Hyper-Threading Technology, Intel Extended Memory 64 Technology, Intel Virtualization Technology
Cache Memory	4 MB L3 cache
Cache Per Processor	4 MB
RAM	3 GB (installed) / 8 GB (max) - DDR3 SDRAM - 1333 MHz - PC3-10600
Storage Controller	Serial ATA ( Serial ATA-300 )
Hard Drive	1 x 320 GB - standard - Serial ATA-300
Optical Storage	DVD-Writer
Monitor	LCD display - 23" - TFT active matrix - 1920 x 1080 ( Full HD ) - 16:9
Graphics Controller	Intel HD Graphics Dynamic Video Memory Technology 5.0
Camera	Integrated - 2 Megapixel
Audio Output	Sound card

Networking	Network adapter - Ethernet, Fast Ethernet, Gigabit Ethernet, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Power	AC 120/230 V ( 50 - 60 Hz )
OS Provided	Microsoft Windows 7 Professional 64-bit Edition
Microsoft Office Preloaded	Includes a pre-loaded image of select Microsoft Office 2010 suites. Purchase an Office 2010 Product Key Card or disc to activate preloaded software on this PC.
Environmental Standards	ENERGY STAR Qualified , EPEAT Gold
Manufacturer Warranty	3 years warranty - on-site

### General

Type	Personal computer
Product Form Factor	All-in-one
Built-in Devices	Stereo speakers
Embedded Security	Trusted Platform Module (TPM 1.2) Security Chip
Width	22 in
Depth	4.3 in
Height	17.4 in
Weight	23.6 lbs
Color	Business black
Localization	English

### Processor

Type	Intel Core i3 550 / 3.2 GHz
Multi-Core Technology	Dual-Core
64-bit Computing	Yes
Installed Qty	1
Max Supported Qty	1
Processor Main Features	Hyper-Threading Technology, Intel Extended Memory 64 Technology, Intel Virtualization Technology

### Cache Memory

Type	L3 cache
Installed Size	4 MB
Cache Per Processor	4 MB

### Mainboard

Chipset Type Intel Q57 Express

#### RAM

Installed Size 3 GB / 8 GB (max)

Technology DDR3 SDRAM

Memory Speed 1333 MHz

Memory Specification Compliance PC3-10600

Form Factor SO DIMM 204-pin

Features Dual channel memory architecture

Configuration Features 1 x 1 GB + 1 x 2 GB

#### Storage Controller

Type 1 x Serial ATA - integrated

Controller Interface Type Serial ATA-300

#### Storage

Hard Drive 1 x 320 GB - standard - Serial ATA-300 - 7200 rpm

#### Optical Storage

Type DVD-Writer - Serial ATA

#### Monitor

Monitor Type LCD display - TFT active matrix

Diagonal Size 23"

Max Resolution 1920 x 1080 ( Full HD )

Widescreen Display Yes

Image Aspect Ratio 16:9

Image Brightness 250 cd/m2

Image Contrast Ratio 1000:1

#### Graphics Controller

Type Integrated

Graphics Processor / Vendor Intel HD Graphics Dynamic Video Memory Technology 5.0

Max Allocated RAM Size 1277 MB

Digital Video Standard DisplayPort

HDCP compatible Yes

Max Monitors Supported 2

Audio Output	
Type	Sound card - integrated
Compliant Standards	High Definition Audio
Speaker(s)	2 x right / left channel
Camera	
Form Factor	Integrated
Sensor Resolution	2 Megapixel
Input Device	
Type	Mouse, keyboard
Keyboard	
Keyboard Name	Preferred Pro USB
Connectivity	Wired
Interface	USB
Mouse	
Connectivity	Wired
Technology	Optical
Interface	USB
Features	Scroll
Audio Input	
Type	Stereo microphone
Networking	
Networking	Network adapter
Ethernet Controller(s)	Intel 82578DM
Wireless LAN Supported	Yes
Wireless NIC	Intel Centrino Wireless-N 1000
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Compliant Standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Expansion / Connectivity	
Expansion Bays Total (Free)	1 ( 0 ) x front accessible - 5.25" x 1/6H (Slim Line) 1 ( 0 ) x internal - 3.5" x 1/3H
Expansion Slots Total (Free)	1 ( 0 ) x PCI Express Mini Card 2 ( 0 ) x memory - SO DIMM 204-pin 1 ( 0 ) x processor - LGA1156 Socket

Interfaces	6 x Hi-Speed USB - 4 pin USB Type A ( 2 front, 4 rear ) 1 x network - Ethernet 10Base-T/100Base-TX/1000Base-T - RJ-45 1 x audio / video - DisplayPort - 20 pin DisplayPort 1 x display / video - VGA input - 15 pin HD D-Sub (HD-15) 1 x headphones - output - mini-phone stereo 3.5 mm ( 1 in front ) 1 x microphone - input - mini-phone stereo 3.5 mm ( 1 in front )
------------	--

### Miscellaneous

Features	Security lock slot (cable lock sold separately), boot without keyboard or mouse, USB port control, boot sequence control
Mounting Interface	100 x 100 mm
Compliant Standards	RoHS, 80 PLUS Bronze
Manufacturer Selling Program	TopSeller

### Power

Device Type	Power supply
Voltage Required	AC 120/230 V ( 50 - 60 Hz )
Power Provided	150 Watt

### Operating System / Software

OS Provided	Microsoft Windows 7 Professional 64-bit Edition
Microsoft Office Preloaded	Includes a pre-loaded image of select Microsoft Office 2010 suites. Purchase an Office 2010 Product Key Card or disc to activate preloaded software on this PC.
Software	ThinkVantage Power Manager, ThinkVantage Rescue and Recovery, ThinkVantage System Update, Lenovo Password Manager, Corel DVD MovieFactory, ThinkVantage Toolbox, Corel Burn.Now Lenovo Edition, Norton Internet Security 2011 (30 days subscription)

### Environmental Standards

EPEAT Compliant	EPEAT Gold
ENERGY STAR Qualified	Yes

### Manufacturer Warranty

Service & Support	3 years warranty
Service & Support Details	Limited warranty - parts and labor - 3 years - on-site - response time: next business day Technical support - phone consulting - 3 years