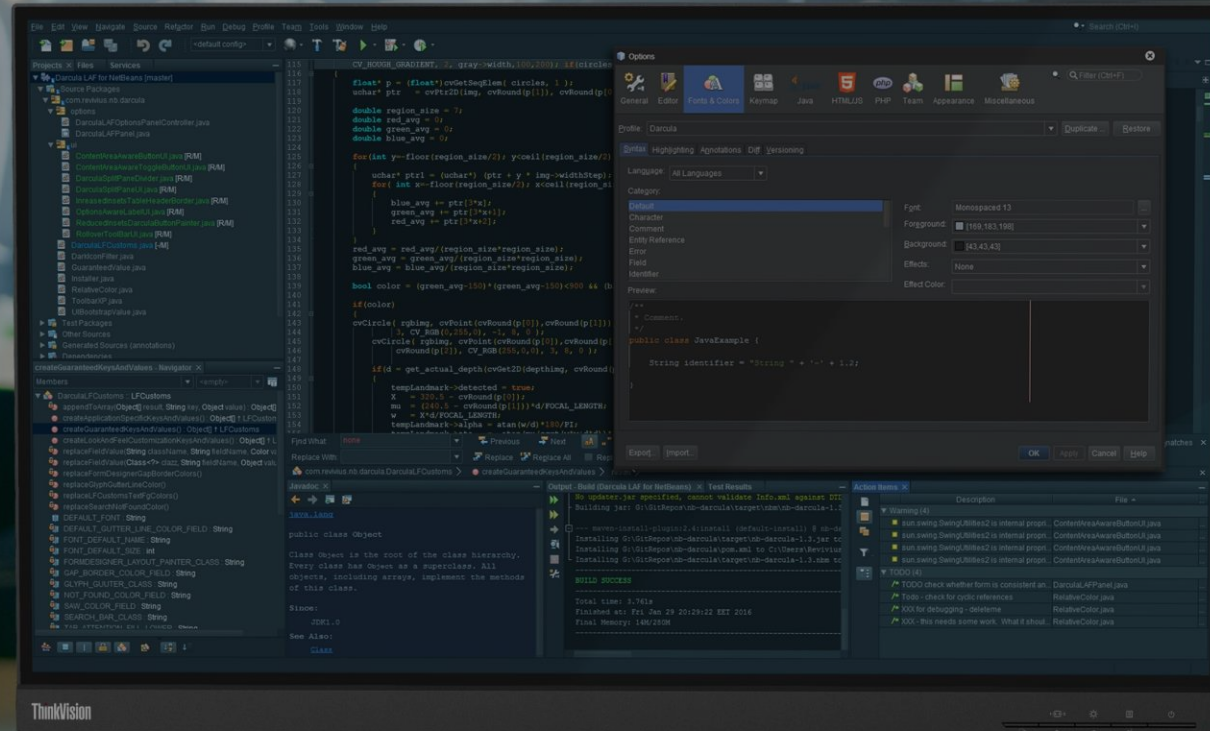


ThinkVision



TECHNOLOGY THAT'S VISIBLY SMART
Jimmy Smith, NA Visuals Product Manager

AGENDA

INDUSTRY TRENDS

MONITOR PORTFOLIO

WHY THINKVISION?



INDUSTRY TRENDS

Lenovo

Visuals Trends

4K
ULTRA HD

4K
HDR

DOLBY
VISION

Full HD
1920x1080

Wide Quad-HD
2560x1440

Expanding Resolutions

Style and Design

THUNDERBOLT

USB-C / Thunderbolt 3

USB-C™

Daisy Chain

 THUNDERBOLT™

4K
ULTRA HD

Innovative Form and Function

Lenovo

Aspect Ratio 16:9 vs 16:10

T23i

T23d

16:10
16:9



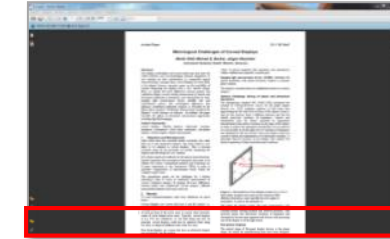
16:9



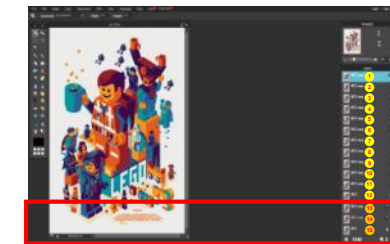
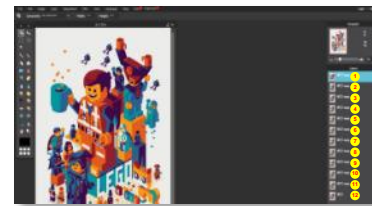
16:10



Information 13% ↑
(5 lines ↑)



Article 7 lines ↑



- ① 11% More Pixels
- 16:10 (1200 lines)
vs. 16:9 (1080 lines)
- ② 3 layer ↑ (12 → 15)

Web Browsing & E-Mail

- Explorer
- Chrome
- E-mail

Document

- PDF
- Word
- PowerPoint

Graphic Design

- Photoshop
- Premiere
- Illustrator

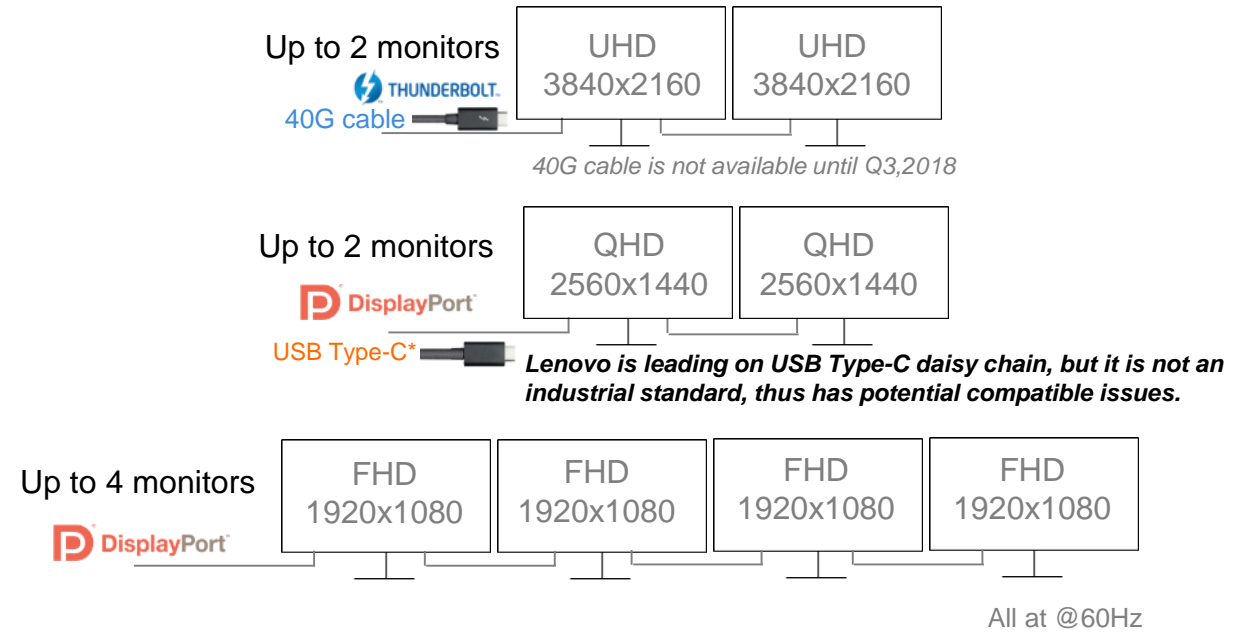
Daisy Chain (DP Out) for Productivity

Advantages

- Only 1 DP cable on host PC/NBs
- Simpler connection, esp. for NBs to Grab & Go

Disadvantages

- Adds additional cost
- Additional graphics card support



Current models supporting Daisy Chain

23.8" QHD

27" QHD

32"4K



P32u-10

By TBT 40G cable

P27h-10

By DP
By USB Type-C

P24h-10

By DP
By USB Type-C*

P24q-10

By DP



Portable Productivity

Lenovo

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USB-C™



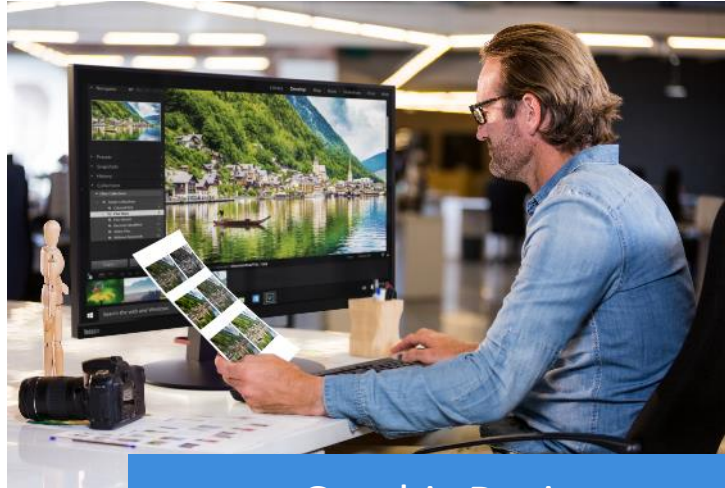
WHY THINKVISION?

Lenovo

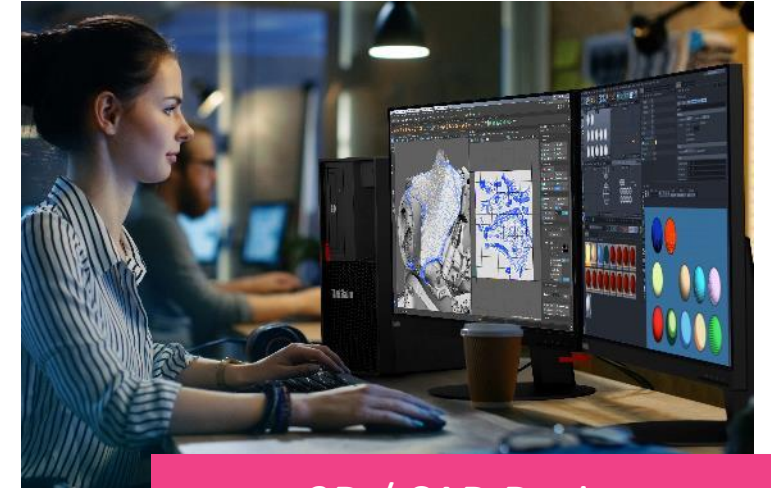
Designed For Work



Healthcare



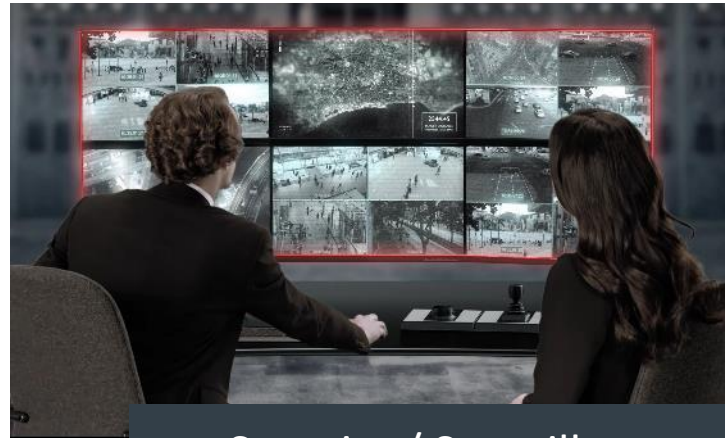
Graphic Design



3D / CAD Design



Office Tasks



Security / Surveillance



Data Analytics

Compatibility



LTSP UX Inspired Designs
• Lift | Tilt | Swivel | Pivot
VESA Compliant



Designed, Engineered, and Tested Together

ThinkVision



ThinkCentre



THUNDERBOLT

Think Accessories



Hello Windows 10

Lenovo

ThinkPad



4K ULTRA HD

ThinkStation



MONITOR PORTFOLIO

Lenovo

Visuals Naming Architecture Direction

Series:

Lenovo:

Y – Gaming usage
L – Home partner (Consumer)
V – PRC SMB Dedicated

ThinkVision:

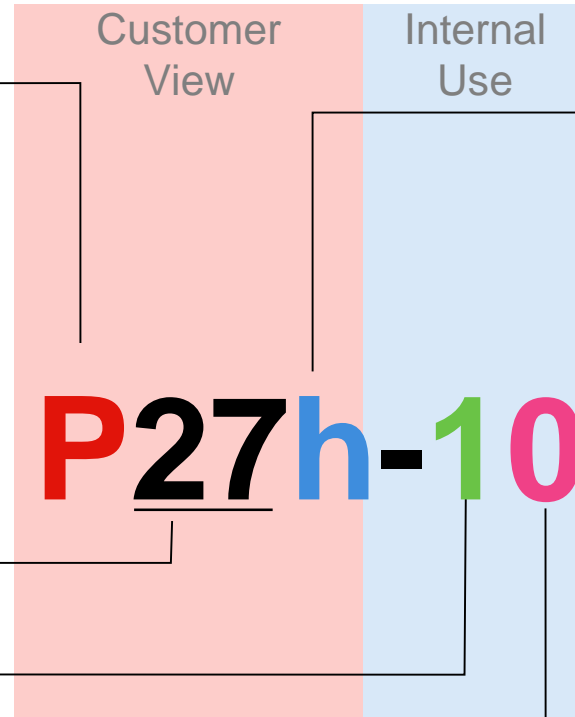
X – Performance usage (stylish design)
S – Superior segments vs. LBEG entry
P – Professional usage
T – Performance usage (and legacy)
E – LBEG entry and Think brand SMB
D – Fighter models

Main Size:

Generation:

Special case:

TE – PRC KAB
P – PRC Workstation (derived from T series)
X – Standalone with special naming rule for star X series: X1 (2nd Gen)
C – Clone model for On-line
Gaming – 2 digits after size and before dash for special case. E.g. Y44fw-10
Innovation projects: e.g. Board65, Mobile14, Portrait24



Top Features of the models (optional digit):

None – default

f – Free-Sync
g – G-Sync
r – Razer
m – Mix
h – Hybrid
p – Pro
q – QHD
u – UHD
t – Touch
v – VOIP

a~d* – reserved
e – Edgeless (VA Borderless)
i – Infinity/borderless
s – Square

*a~d: Similar size differentiation. Similar size matrix is as below.

Similar size matrix:

	20	22	24
a	Reserved	reserved	23.6
b	19.53	reserved	reserved
c	20	reserved	24 (16:9)
d	19.5 (16:10)	22(16:10)	24 (16:10)

For main size of above segment, use Priority 2 firstly.
e.g. T22i: 21.5" 16:9; T24i: 23.8" 16:9

r – Replication
w – Ultra Wide

Region/Channel or Special Spec:

0 – Default as complement

1 – PRC KAB
2 – Yangtian
3 – Brazil Local Manufacture
4 – ThinkCentre E

A – On-line
B – Off-line
C – SMB

5 – Panel Derivatives, e.g. TN
6 – Different color, e.g. Silver
7 – Brightness, e.g. 200nits
8 – Non-panel Derivatives (ME), e.g. change stand, change chin, etc.
9 – Non-panel Derivatives, e.g. add speaker, etc.

GEO Product Availability

Value	Region			
Product	AP	EMEA	NA	LA
E1922s	√	√		√
E2054	√	√	√	√
E21	√	√		√
T2224d	√	√	√	√
E24	√	√	√	√

S Series	Region			
Product	AP	EMEA	NA	LA
S23d-10	√			
S22e-19	√	√	√	√
S24e-10	√	√	√	√
S27i-10	√	√	√	

Mainstream	Region			
Product	AP	EMEA	NA	LA
T1714	√	√		
T1714p	√	√	√	√
LT1913p	√	√	√	√
T2054p	√	√	√	√
T23d-10	√	√	√	√
T22v-10/T24v-10	√	√	√	√
T22i/T23i/T24i	√	√	√	√
T24i-19		√	√	
T24d-10	√	√		√
T24m-10	√	√		
T27i	√	√	√	√
T27p-10	√	√	√	√
M14			√	√

Premium	Region			
Product	AP	EMEA	NA	LA
ThinkVision X24-20	√	√		
ThinkVision P24q	√	√	√	√
ThinkVision P27q	√	√		√
ThinkVision P24h/P27h	√	√	√	√
ThinkVision P27u	√	√	√	√
ThinkVision P32u	√	√	√	√
Thinkvision X1 Gen 2	√	√	√	√
P44w-10	√	√	√	

TIO	Region			
Product	AP	EMEA	NA	LA
TIO22 Gen3	√	√	√	√
TIO24 Gen3	√	√	√	√
TIO27	√	√	√	√

Note: Models marked with √ in all regions are Global account enabled models

ThinkVision

Portfolio

X1

Premium Design

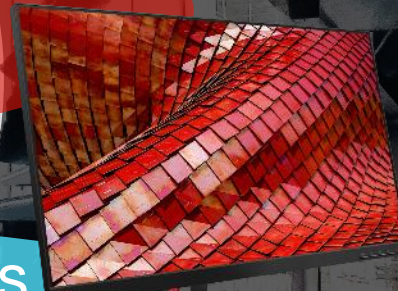


P Series

Premium Performance

T Series

Mainstream Productivity



S Series

Mainstream

T10 Series

Modular AIO



E Series

Entry Performance



M Series

Mobile Productivity



Lenovo

Premium Style

Distinctive X1 Styling

- 4-Sided Borderless
- Ultra-Slim
4.7mm Profile



Premium Performance

- >99% sRGB 10bit
1.07B Color
- 4K UHD IPS 3840 x 2160
Resolution @60Hz



ThinkVision X1 Monitor

Lenovo

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ThinkVision P Series

P24h



24" Widescreen Display

- QHD Resolution
- 2560 x 1440
- USB-C
- Daisy Chain Capable
- LTSP Stand



P27u



27" Widescreen Display

- 4K Resolution
- 3840 x 2160
- USB-C
- LTSP Stand



P32u



32" Widescreen Display

- 4K Resolution
- 3840 x 2160
- AdobeRGB
- 99% Color Gamut
- Thunderbolt 3
- Daisy Chain Capable
- Dual-PC KVM
- PIP (Picture in Picture)
- LTSP Stand



P24q



24" Widescreen Display

- QHD Resolution
- 2560 x 1440
- Daisy Chain Capable
- LTSP Stand



P27h



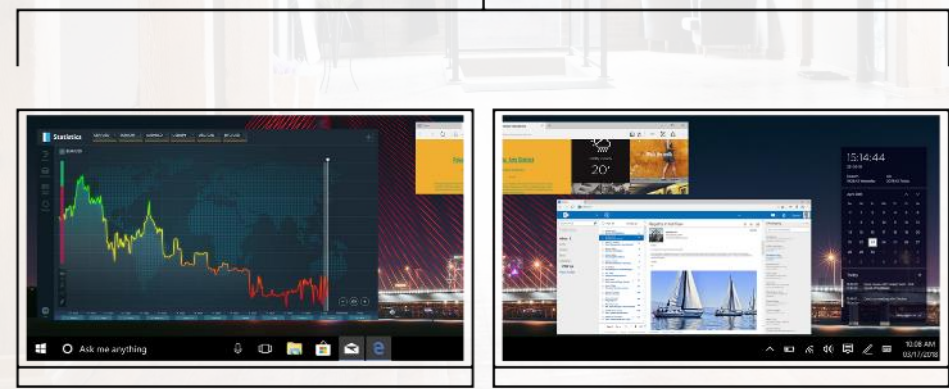
27" Widescreen Display

- QHD Resolution
- 2560 x 1440
- USB-C
- Daisy Chain Capable
- LTSP Stand



ThinkVision P Series

↗ 43.4"

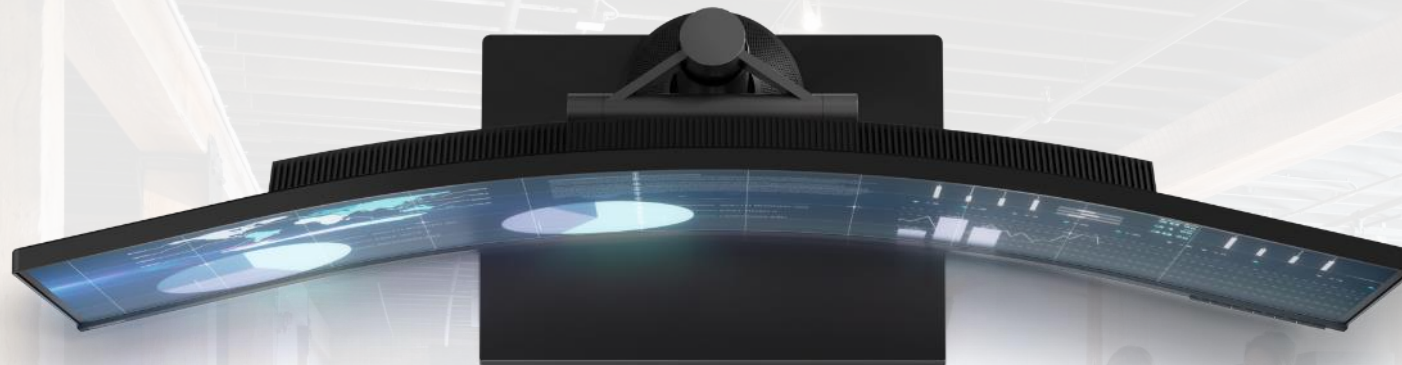


16:10 ↗ 24" 16:10

24" FHD Monitor + 24" FHD Monitor
Lightweight 2-in-1 + Powerhouse PC

} P44w

ThinkVision P Series



ThinkVision P44w

43.4" Widescreen Curved Display

- 3840 x 1200
- HDR400
- Replaces Dual 16:10 24" FHD Screens
- Factory Calibrated
- USB-C Gen2 (90W)
- Daisy Chain Capable
- Dual-PC KVM
- PIP (Picture in Picture)
- LTS Stand



ThinkVision T Series

T23d

22.5" Widescreen Display

- 16:10 Aspect Ratio
- Soundbar Compatible
- FHD Resolution
- LTSP Stand



T22i

21.5" Widescreen Display

- Maintain 16:9 Aspect Ratio
- Soundbar Compatible
- FHD Resolution
- LTSP Stand



Lenovo

T24i

NEW T24i-19 (w/speaker)

23.8" Widescreen Display

- 16:9 Aspect Ratio
- Integrated Speakers (T24i-19) or Soundbar Compatible (T24i)
- FHD Resolution
- LTSP Stand



T23i

23" Widescreen Display

- Maintain 16:9 Aspect Ratio
- FHD Resolution
- LTSP Stand



NEW

T27i

27" Widescreen

- 16:9 Aspect Ratio
- Soundbar Compatible
- FHD Resolution
- LTSP Stand



T24v

T22v

21.5" & 23.8" Widescreen Display

- 16:9 Aspect Ratio
- Integrated RGBIR Camera with ThinkShutter
- FHD Resolution
- LTSP Stand



ThinkVision T Series (The Classics)

LT1913p

19" Square Display

- 5:4 Aspect Ratio
- Soundbar Compatible
- SXGA (1280x1024) Resolution
- LTSP Stand



5:4 SQUARE

T2224d

21.5" Widescreen

- 16:10 Aspect Ratio
- Soundbar Compatible
- WSXGA+ (1680x1050) Resolution
- LTSP Stand



WIDESCREEN

T1714p

17" Square Display

- 5:4 Aspect Ratio
- Soundbar Compatible
- SXGA (1280x1024) Resolution
- LTSP Stand



5:4 SQUARE

T2054p

19.5" Widescreen Display

- 16:10 Aspect Ratio
- Soundbar Compatible
- WXGA+ (1440x900) Resolution
- LTS Stand



WIDESCREEN

New ThinkVision S Series

S22e



- Near-Edgeless 21.5" VA Screen
- 1920x1080 FHD Resolution
- VGA & HDMI Video Inputs
- Tilting Stand
- VESA Mount

Full HD
1920x1080

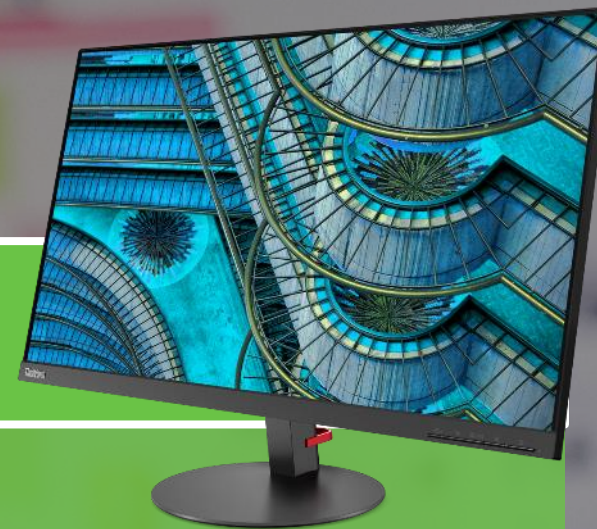
S24e



- Near-Edgeless 23.8" VA Screen
- 1920x1080 FHD Resolution
- VGA & HDMI Video Inputs
- Tilting Stand
- VESA Mount

Full HD
1920x1080

S27i



- Near-Edgeless 27" IPS Screen
- 1920x1080 FHD Resolution
- VGA & HDMI Video Inputs
- Tilting Stand
- VESA Mount

Full HD
1920x1080

ThinkVision T vs S Series Comparison

• T Series

– Connections

- HDMI
- VGA
- **DP**



– Stand

- **LTSP (Lift, Tilt, Swivel, Pivot)**



• S Series

– Connections

- HDMI
- VGA
- **NO DP**



– Stand

- **Tilt only**

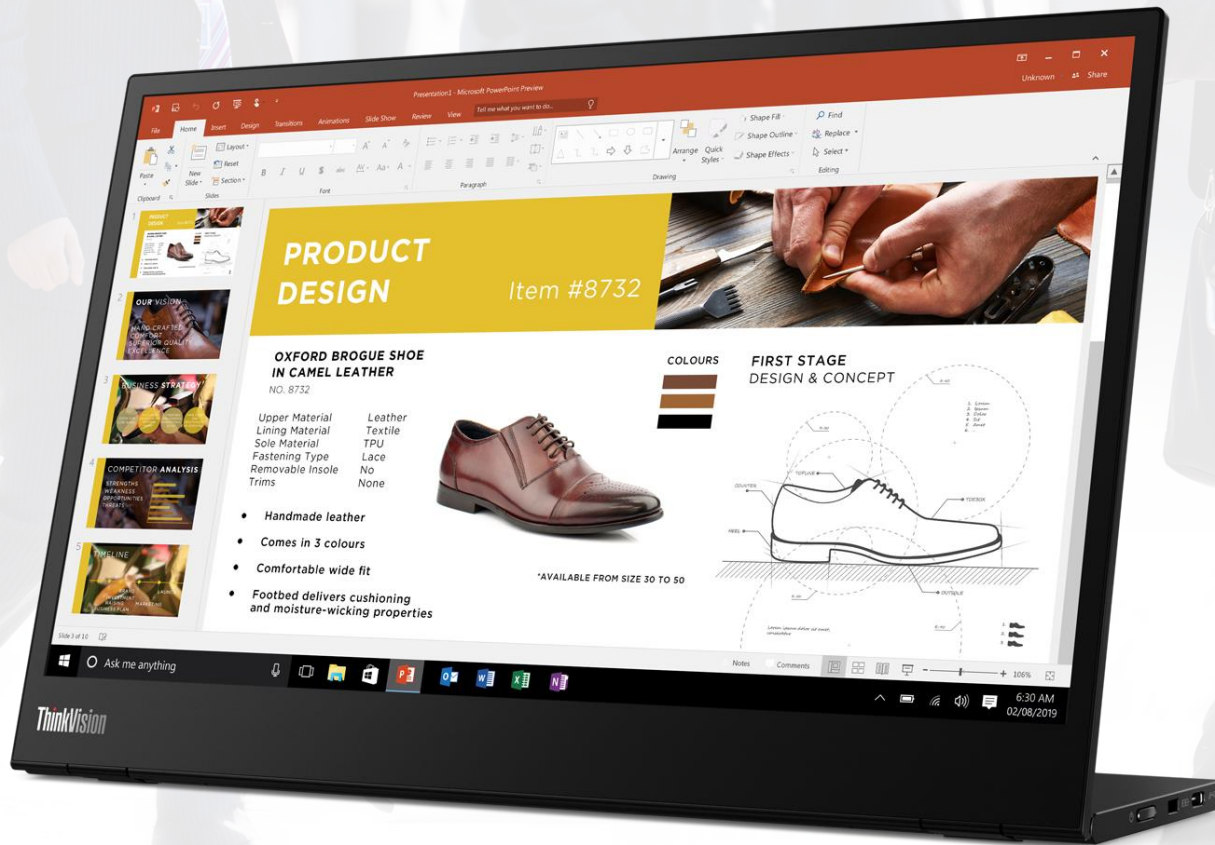


ThinkVision E Series

- Performance & Affordable
 - Big Value, Small Price
- Competitive Display
 - Plenty of screen real-estate
 - 4ms fast response time
- Practical
 - Low blue light certification for eye care comfort
 - Modern video inputs for various demands
- ThinkCentre Tiny Supported



ThinkVision M Series



ThinkVision M14

14" Widescreen Display

- 1920 x 1080 IPS FHD Screen
- Super narrow Bezel
- 300 nits brightness
- USB-C
- 595g weight
- 4.6mm thin
- Kensington™ lock slot
- Tilt Stand
- TÜV Low blue light eye-care certified



ThinkVision M Series



Lenovo



Power To Work Anywhere

ThinkVision M14

- USB-C Mobile Monitor
- Dual monitors on the go
- USB-C power passthrough



Combine with Lenovo Power Bank & Passage Backpack for Mobile Productivity

ThinkCentre T10 Series



T10 22

21.5" Widescreen Display

- 16:9 Aspect Ratio
- Touch and Non-Touch Models Available
- Integrated Webcam and Speakers
- FHD (1920x1080) Resolution
- Pairs with T22i (61A9MAR1US)
- LTSP Stand



T10 24

23.8" Widescreen Display

- 16:9 Aspect Ratio
- Touch and Non-Touch Models Available
- Integrated Webcam and Speakers
- FHD (1920x1080) Resolution
- Pairs with T24i (61CEMAR2US)
- LTSP Stand



T10 27

27" Widescreen Display

- 16:9 Aspect Ratio
- Integrated RGBIR Camera with ThinkShutter
- QHD (2560x1440) Resolution
- Pairs with P27h (61AFGAR1US)
- LTSP Stand



ThinkCentre TIO ThinkVision Pairings



T22i

61A9MAR1US

TIO 22

10R1PAR1US
10R0PAR1US (Touch)



Full HD
1920x1080



P27h

61AFGAR1US

NEW



TIO 27

10YFRAR1US



Wide Quad-HD
2560x1440



T24i

61CEMAR2US



TIO 24

10QYPAR1US
10QXPAR1US (Touch)



Full HD
1920x1080

thanks.

Different is better

