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Morning Update

De beste desktop oplossingen dankzij Dell Optiplex

DELL

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Roadmap Overview

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Agenda

- Optiplex Desktop solutions
  - Transition update

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Optiplex
New device Launches in 2021

CY 21 Gen over Gen Portfolio Moves

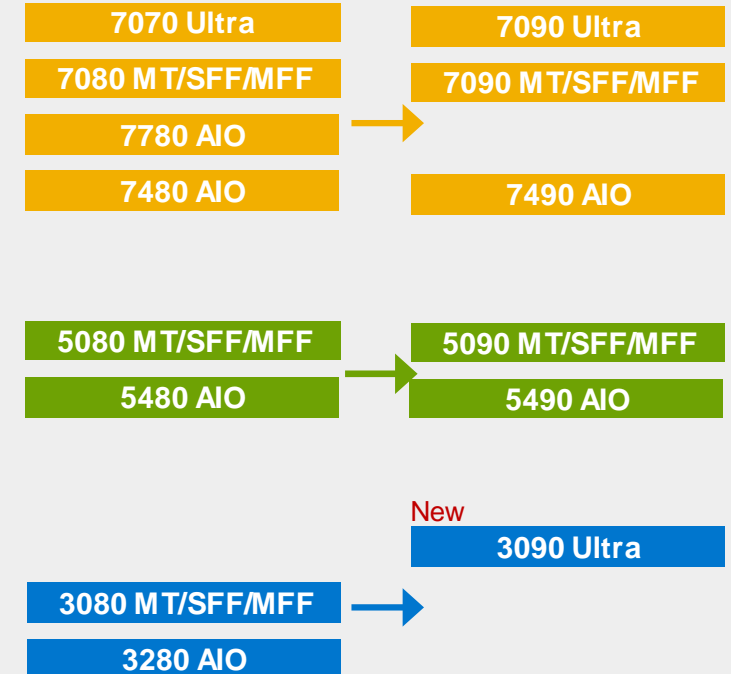**Portfolio Strategy OptiPlex**

7000 — Premium commercial desktop with ultimate expandability and performance

5000 — Mainstream, intelligent desktops with right-sized performance & configurations

3000 — Business desktops providing value with essential performance & manageability in space-saving designs

7070 Ultra	→	7090 Ultra
7080 MT/SFF/MFF		7090 MT/SFF/MFF
7780 AIO		
7480 AIO		7490 AIO

| 5080 MT/SFF/MFF | → | 5090 MT/SFF/MFF |
| 5480 AIO | | 5490 AIO |

New
		3090 Ultra
3080 MT/SFF/MFF	→	
3280 AIO		

Optiplex Ultra

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2021 | OptiPlex 7090 Ultra

The world's first modular AIO now even better and faster.

Compute Module:

Provides key Desktop features, serviceability & upgradability

- **Intel TGL-U 28w mobile architecture: i3 - i7 with vPro requires 90w adapter or 90w USB-C PD**

- Near cable free option with Dell Hero USB-C Displays

- **3 Video ports, native support for up to 4 Displays with MST**

- **Support for two SSDs and RAID (one up to 512GB M.2 2230 and one up to 2TB M.2 2280)**

- **Up to 64GB of RAM @ 3200 MHz** (2 SoDIMMs)

- Up to 2TB 2.5" HDD support for entry cost points

- Gb Ethernet and optional 802.11ax WiFi 6 support

- Side accessible **Thunderbolt 4 (support for Salomon docking)**, USB-A port, and Audio Jack

- Dell Optimizer 1.2 (2.0 will be Post RTS)

Available with Dell Hybrid Client (post RTS), Modern Standby, Dell Optimizer, & Intel Unite

2021 | OptiPlex 3090 Ultra

The world's first modular AIO now has a more affordable option.

Compute Module:

Provides key Desktop features, serviceability & upgradability

- **Intel TGL-U 15w mobile architecture: Celeron – i5 requires 65w power adapter or 65w USB-C PD**

- Near cable free option with Dell Hero USB-C Displays

- **2 Video ports, native support for up to 4 Displays with MST**

- **Up to 64GB of RAM @3200** (2 SoDIMMs) & 1TB SSD (M.2 2230)

- Up to 2TB 2.5" HDD support for entry cost points & dual storage

- Gb Ethernet and optional 802.11ax WiFi 6 support

- Wired or wireless Keyboard/Mouse support

- Side accessible USB-A 3.2 Gen 2 ports and Audio Jack

Available with Dell Hybrid Client (post RTS) and Modern Standby

Platform-developed ecosystem for OptiPlex 3090/7090 Ultra

New Ultra Stands Design

New Ultra Stands Availability

1. Fixed stand → 1st gen stand (19" – 24")
2. Height Adjustable stand → 1st gen stand (19" – 27")
3. **New** Height Adjustable stand → HAS with new design (19" – 27")
4. **New** Large Height Adjust. Stand → Large Display HAS with new design (**30" – 40"**)
5. Offset VESA Bracket → 1st gen Bracket (19" – 38") with Mounting Arm
6. **New** Wall Mount → New Wall mount (for stand-alone PC)

DELL C-Series Pro 2.0 ID Multi-media Monitors

- 24" FHD, 27" QHD, and 34" QHD curved
- New Pro 2.0 ID multi-media displays with 90W USB-C power delivery and integrated speakers, mic, and webcam
- C2422HE will have a Without Stand option for Ultra
- Monitor power button will be able to power on and hibernate the Ultra

C2422HE

C3422WE

Recommended Accessories – OptiPlex 7090, 3090
Ultra Form Factor PCs

Create

Dell Wireless Keyboard and Mouse- KM5221W

Compact, slim-line wireless keyboard and mouse combos with 3 yr. battery life.

View

P2419HC, C2422HE, C3422WE, and U3421WE Monitors
Take your view to the edge with a near-seamless dual or triple-display experience with a full range of adjustable features, InfinityEdge borders, and Type-C connectivity for reduced cable clutter.

Stands and Mounts

Dell Height Adjustable Stand, Large Height Adjustable Stand, Wall Mount and Offset VESA Mount

Designed specifically for the Ultra Form Fact these stands completely hide the compute module to give you a clean desk solution through several different options

Connect

0.6m USB-C and DisplayPort Cables
Connect a multitude of monitors to Ultra using custom short cables designed for minimal cable excess and a sleek solution.

Collaborate

Dell Pro Stereo Headset – UC350

Experience crystal-clear sound quality with a comfortable headset optimized for Unified Communications (UC) programs.

Docking compatibility with 3090 and 7090

- The WD19TB dock can be connected to the side TBT4 port on the 7090 and is hot pluggable

- The other two docks can be plugged into the bottom USB-C port for quick power ups when not mounted.

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How to choose between Ultra, Micro, and AIOs

OptiPlex Series All in Ones

New OptiPlex 3090/7090 Ultra

OptiPlex Micro with AIO Stand

Pros	Pros	Pros
• Sleek ZFP w/ single power cable	• More beautiful/sleek than AIO	• Flexible mounting options
• Touch and articulation options	• Separate mgmt. of PC/display; low TCO	• Less expensive
• 65w perf.; discrete gfx. options	• Display options up to 40" w/ Lg HAS	• 65w perf.; discrete gfx. options
• Easy deployment	• Strong int. gfx. with TGL processors	• Display options up to 27" w/ stand
Cons	• One power cable solution w/ USB-C	Cons
• Display + compute = TCO	• Power savings / Low theft risk	• Deployment can be complicated
• Few display options ↑	• Supports four displays natively	• Spaghetti bowl cables
• Expensive	Cons	• External antenna / higher theft risk
	• Perf lower than 65w; ext. gfx. card option	• Changing dimensions/new AIO Stand
	• Set up more complicated than AIO	

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OptiPlex
Intelligence you can rely on

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Timings

	New Confirmed dates
RTS	5/19
RTQ	5/20
RTO – CTO/BTO only	5/20
RTO – BTS	6/10

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D11 Product Transiton Overview

3 Series Desktop Towers
Cheetah
D10 – CPU Refresh Only

5 Series Desktop Towers
Caribou
D11 – CML-S refresh

7 Series Desktop Towers
Buffalo
D11 – CML-S refresh

3 Series – 21.5" AiO
Impala
D10 – CPU refresh only

5 Series – 24" AiO
Pronghorn
D11 – CML-S refresh

7 Series – 24" AiO
Giraffe
D11 – CML-S refresh

7 Series – 27" AiO
Gazelle
D10 – CPU refresh only

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Key Feature Changes Gen over Gen Opti 7000

Feature	D10	→	D11
CPU Architecture	CML-S		CML-S / R i5
Integrated Graphics	CML-S Gen 9 iGFX		CML-S Gen 9 iGFX
USB Ports	Up to USB 3.2 Gen 2 (10Gb/s)		Up to USB 3.2 Gen 2x2 (20Gb/s)
Dell Optimizer	DO 1.0		DO 1.2/2.0
dGFX PCIe Lane	PCIe x16 Gen 3		PCIe x16 Gen 4
Memory Speeds	Up to 2933MHz		Up to 3200 MHz
Discrete Graphics	NV GTX 1650		NV GTX 1650 Ti

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2021 | OptiPlex 7490 All-in-One

Arriving Q2 2021 ⚠️

Picture perfect experience, best in class audio and video, and latest connectivity for best in class productivity tool

- Most intelligent business PC's with built-in AI

- 24" Full HD Touch and Antiglare Non-Touch panels with IR camera

- **Faster native SuperSpeed USB 20Gbps, USB 3.2 Gen 2x2 Type-C®** and USB 3.2 Gen 2 (10Gbps Data) support

- Up to 64GB DDR4 **2933GHz** memory and dual M.2 SSDs for storage, one 22x80 and one 22x30

- Next generation NVIDIA discrete graphics **(GTX 1650 Ti)**

- Native Display Ports (**DP++1.4** /HDCP 2.2), **HDMI 2.0** /HDCP 2.2

- Premium 4 Mic and Performance Speakers with Intelligent Audio for smarter conferencing

- EPEAT Gold on select configurations

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Key Feature Changes Gen over Gen Opti 5000

Feature	D10	→	D11
CPU Architecture	CML-S		CML-S / R PDC – i5
Integrated Graphics	CML-S Gen 9 iGfx		CML-S Gen 9 iGFX
Dell Optimizer	DO 1.0		DO 1.2/2.0
Memory Speeds	Up to 2933MHz		Up to 3200 MHz
Discrete Graphics	NV GTX 1050 K1		NV GTX 1650

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2021 | OptiPlex 5490 All-in-One

Arriving Q2 2021

Picture perfect experience, best in class audio and video, and latest connectivity for best in class productivity tool

- Most intelligent business PC's with built-in AI

- 24" Full HD Touch and Antiglare Non-Touch panels with IR camera

- Native USB Type-C, USB 3.2 Gen 2 & Gen 1 (10Gbps & 5Gbps data) support

- Up to 64GB DDR4 **2933GHz** memory and single M.2 2280 SSD for storage

- Native Display Ports (**DP++1.4**/HDCP 2.2)

- Updated and complete ecosystem:
  - Stands: HAS , ART, HAS w/ODD and Basic
  - Arms: Single and Dual Arm support

- 2 Mics and Entry Speakers with Intelligent Audio

- EPEAT Gold on select configurations

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