HP VIRTUEL VIDEN

VELKOMMEN TIL WEBINARET "**MØD HP ENGAGE ONE PRO**"

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Webinar facilitator

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PRAKTISK INFORMATION

- Spørgsmål via Q&A funktionen
- Præsentation og recording deles via e-mail og på *hpfokus.dk/virtuelviden/*
- Se kommende webinarer på *hp.fokus.dk/virtuelviden/*

HP in Retail

Retail Solutions Business Unit provides

- Traditional point-of sale platforms and accessories
  - Modular platforms
  - All-in-one platforms
  - Point-of-sale accessories
- Mobility solutions
  - HP Engage Go Mobile
  - HP Engage Go Convertible
- Services

Increasing Market Growth

- Since 2003 in the Retail POS market
- #1 in POS Shipment 2019,16% WW Marked share (RBR 2020)
- #2 in POS shipment 2019, 16,5% EMEA Market share, (RBR 2020)
- #1 POS Shipment in Scandic 2019, 37.5% Marked share (RBR 2020)
  - 28% Marked share, #1 in Denmark (RBR 2020)
  - 58% Market share, #1 Norway (RBR 2020)
  - 32% Market share, #1 Sweden (RBR 2020)

HP Why HP in Retail

- Expanding product portfolio and delivering retail innovation
- Partner of Choice (ISV's & Reseller) to provide best-in-class solutions
- Warranty & Carepacks
- WORLD'S MOST SECURE POS SYSTEM, HP Retail Security Solutions
- Substainability

WSJ

These Are the World's 10 Most Sustainably Managed Companies

The global rankings take into account a range of sustainability metrics

- 1 Sony
- 2 Philips
- 3 Cisco
- 4 Merck KGaA
- 5 Iberdrola
- 6 LG
- 7 Melia Hotels International
- 8 HP Inc.
- 9 Georg Fischer
- 10 Sekisui Chemical

The Wall Street Journal has analyzed more than 5,500 stock exchange listed companies, using a variety of criteria to identify the world's most sustainable companies.

HP is number 8

https://www.wsj.com/articles/these-are-the-worlds-10-most-sustainable-companies-11602624830

HP Retail Solutions portfolio

All-in-One systems

Engage One Prime

Value All-in-One

Android 8.1 OS

Choice of CPU speed, memory and storage

Long Lifecycle (3-yr)

RP9

Performance All-in-One

Versatile, sleek-design

Fan-based design

Long Lifecycle (5-yr)

Engage One

Retail Redefined

Intel 7th gen processors

Highly configurable for clean counters

Long Lifecycle (5-yr)

Modular systems

MP9

Small form factor

Multi-purpose platform

Flexible mounting locations

Long Lifecycle (3-yr)

Engage Flex Pro & Engage Flex Pro-C

Performance systems

Multi-purpose platforms

Extensive connectivity and configuration options

Long Lifecycle (5-yr)

Mobility / Convertible Solutions

Long Lifecycle (3-yr)

Engage Go

Sleek, versatile design

Enables mobile and fixed POS

Extensive connectivity and mobility options

Multifactor authentication

Peripherals

Touch & Non-Touch Displays

Barcode Scanners

Receipt Printers

Other Peripherals

HP Retail Solutions Fixed Point of Sale Roadmap

Shipping POR **Planned**

	Current Products	CY2020	CY2021	CY2022
All-in-One / Performance	**HP RP9 AiO (Tahiti)** • MR Date: FEB 2016 • EOM Date: NOV 2021		*HP Engage One Pro* • *Tasmania* • *Three Screen Sizes* • *Intel Comet Lake* • *Windows and Android* • *MR: Jan 2021*	
All-in-One / Performance	**HP Engage One AiO (Nantucket)** • MR Date: AUG 2017 • EOM Date: DEC 2022			
All-in-One / Value Series	**HP Engage One Prime** • Android • MR Date: JAN 2019, EOM 2022	**HP Engage Catalog (Cloud Service)** • ISV app marketplace • Go Live Mar 2020 **HP Engage Console (Cloud Service)** • MDM service • Go Live Mar 2020	**HP Engage One Prime G2** • Yellow Tail • Elkhart Lake • MR Date: Spring 2021 • Windows and Android (in VM)	
Modular / Performance	**HP RP5, Model 5810 (Apollo) – China only** • MR Date: APR 2014 • EOM Date: JUN 2020 (China only)			
Modular / Performance	**HP Engage Flex Pro/Pro-C (Trinidad/Tobago)** • MR Target Date: AUG 2018 • EOM Date: AUG 2023			**HP Engage Flex Pro G2** • MR: 2H 2022
Modular / Retail Ready	**HP MP9, G4 (Bali)** • MR Target Date: MAY 2018 • EOM Date: DEC 2021		**HP MP9 next-gen (Coppola)** • MR: Spring 2021 • CometLake/RocketLake	

[1] MR = Manufacturing Release EOM = End of Manufacturing

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ENGAGE ONE PRO

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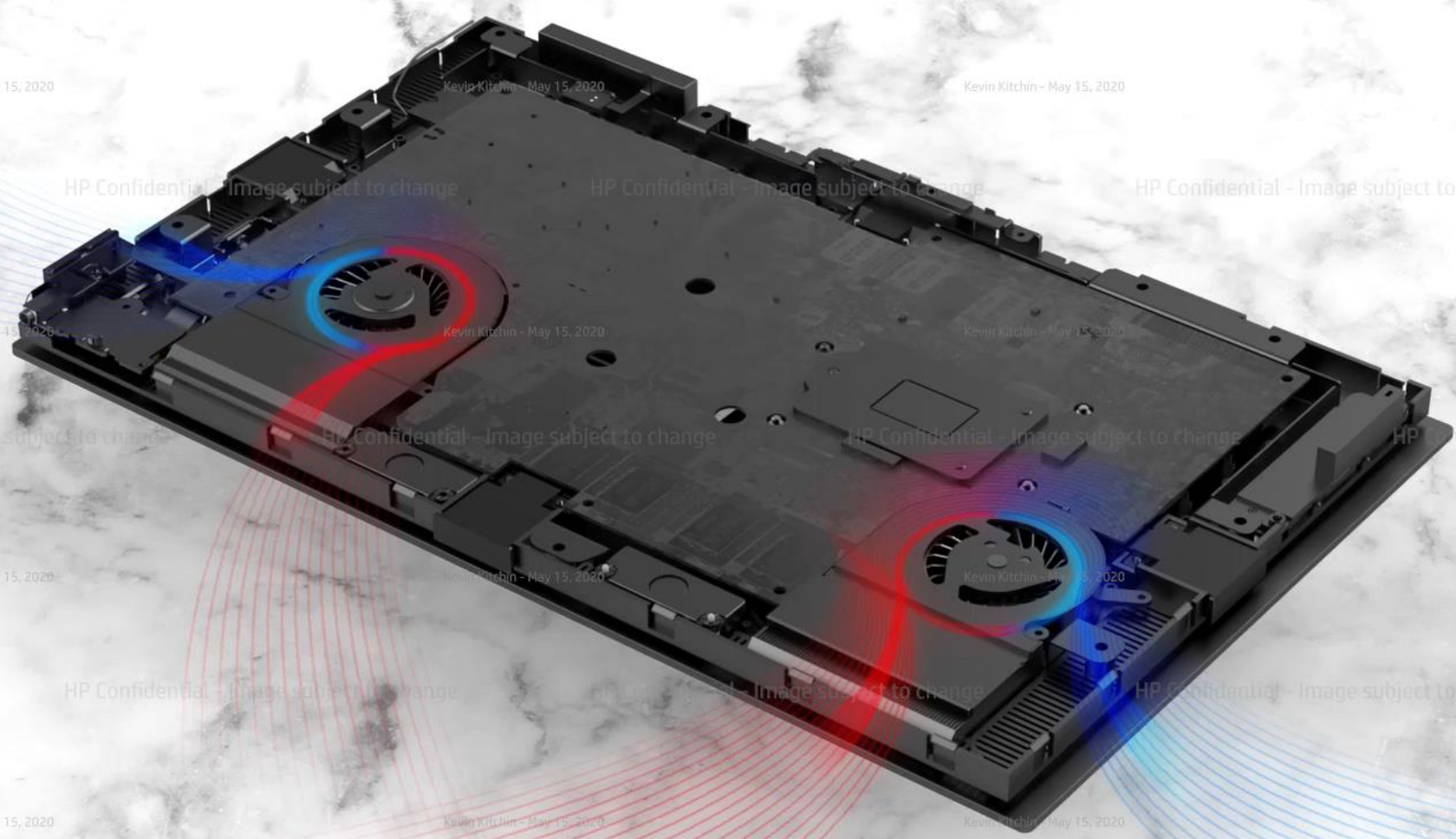

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5th PERCENTILE

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95th PERCENTILE

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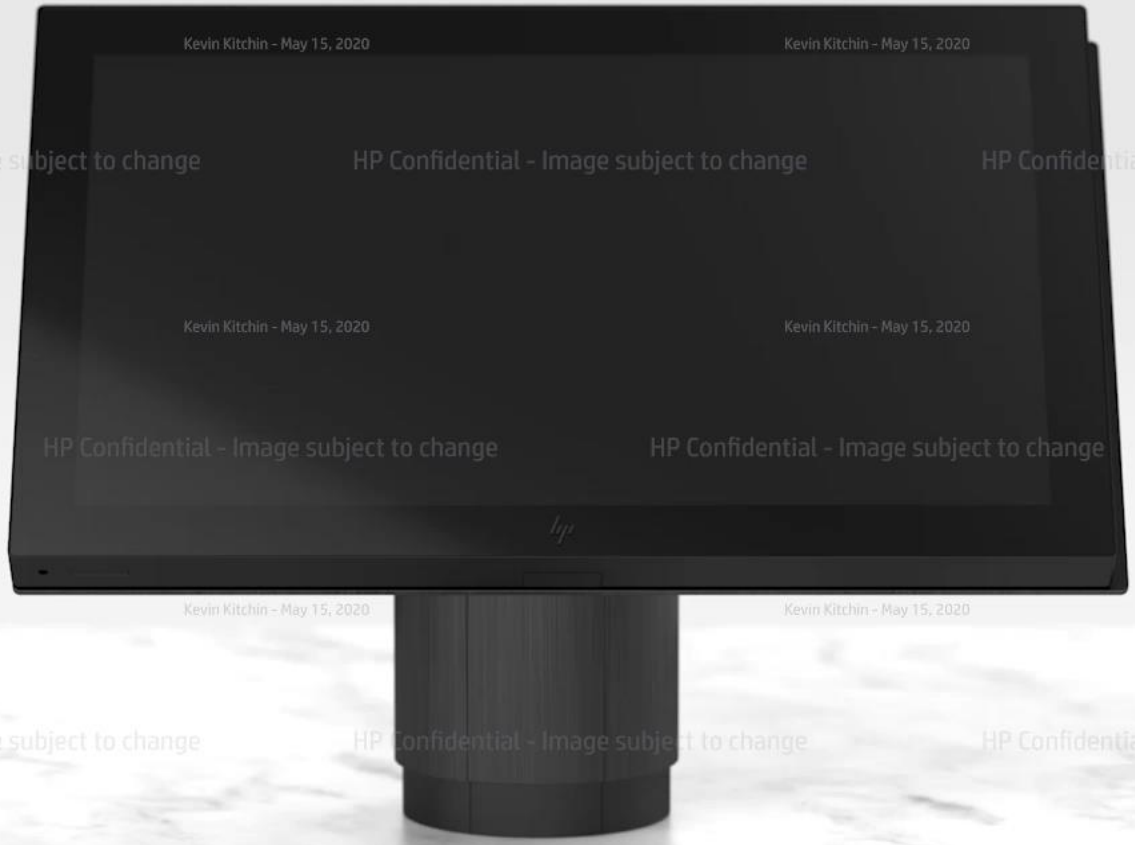
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ONE PLATFORM, THREE SCREEN SIZES

IN LANDSCAPE OF PORTRAIT ORIENTATION

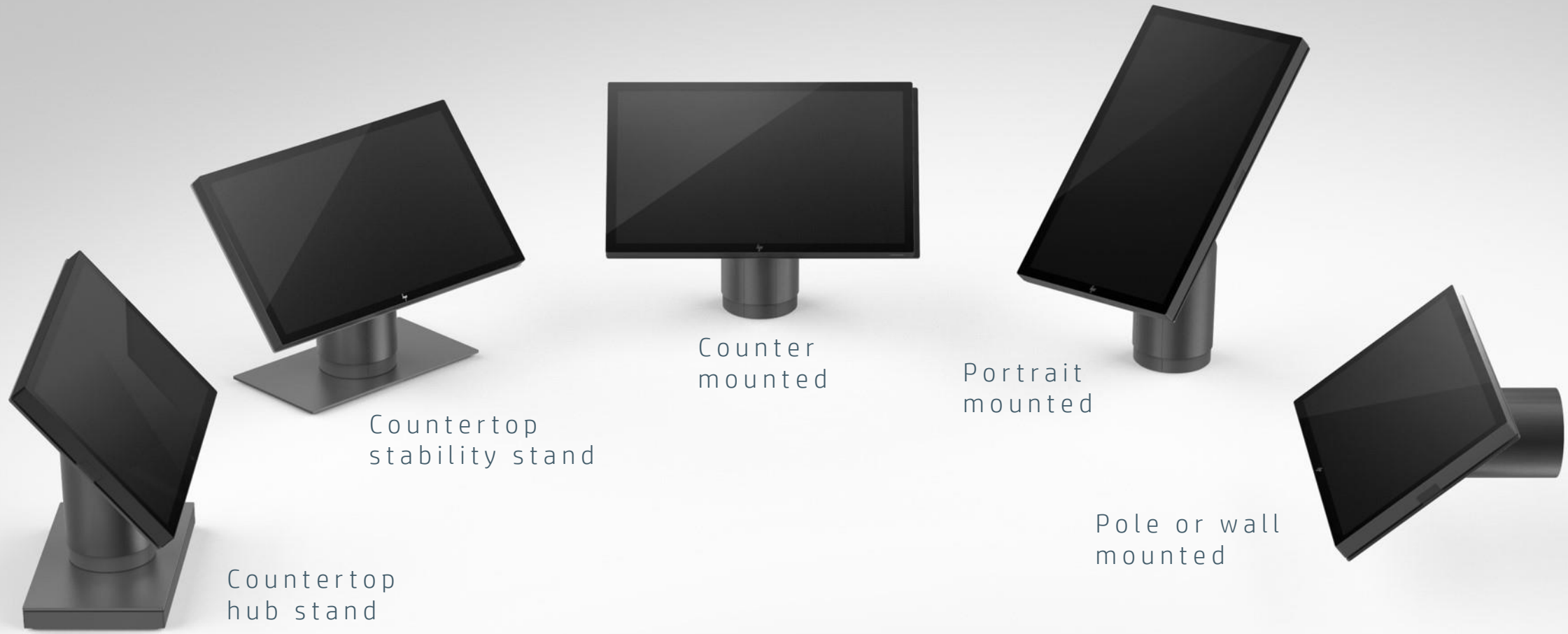
15.6”	19.5”	23.8”
Diagonal FHD In black or white	**Diagonal FHD**	**Diagonal FHD**
400 nits (2)	450 nits (2)	625 nits(2)
PCAP touch	PCAP touch	PCAP touch
IPS	VA	IPS
anti-glare	anti-glare	anti-glare
50K hours	50K hours	50K hours

HP IPS and VA panels are superior compare to TN panels with better resolution, viewing angles, and color reproduction

HP Easy Clean(1). Water rejection and glove capable touch technologies

FHD touchscreen anti-glare FHD touchscreen, 15.6", 19.5" and 23.8", up to 650 nits of brightness

MOUNTING OPTIONS



Countertop hub stand

Countertop stability stand

Counter mounted

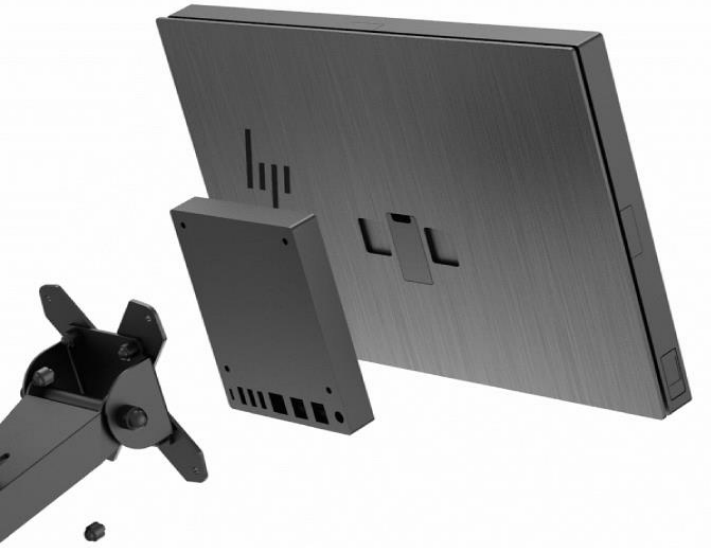
Portrait mounted

Pole or wall mounted

SQUABLE

MAXIMUM CONNECTIVITY OPTIONS

Engage One Pro
VESA hub



Engage One
Pro Column hub

Engage One Pro
Advanced Fan-less hub

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COMPACT YET POWERFUL CONNECTIVITY

COLUMN HUB FEATURES

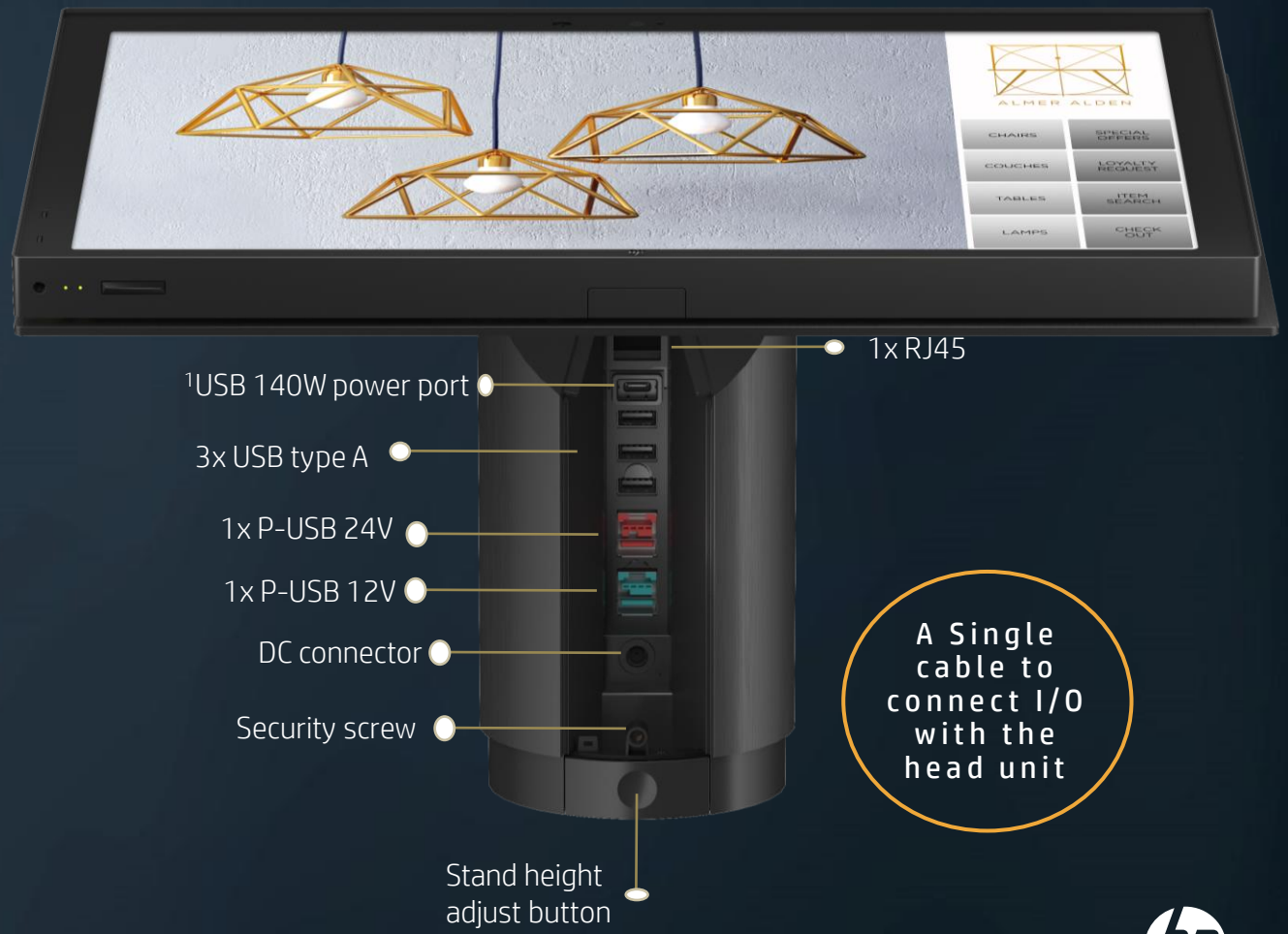
ONE CABLE
single cable solution to alleviate potential failure points

USB A PORT (3)
connect to a customer facing display

USB-C® PORT
Variety of use cases

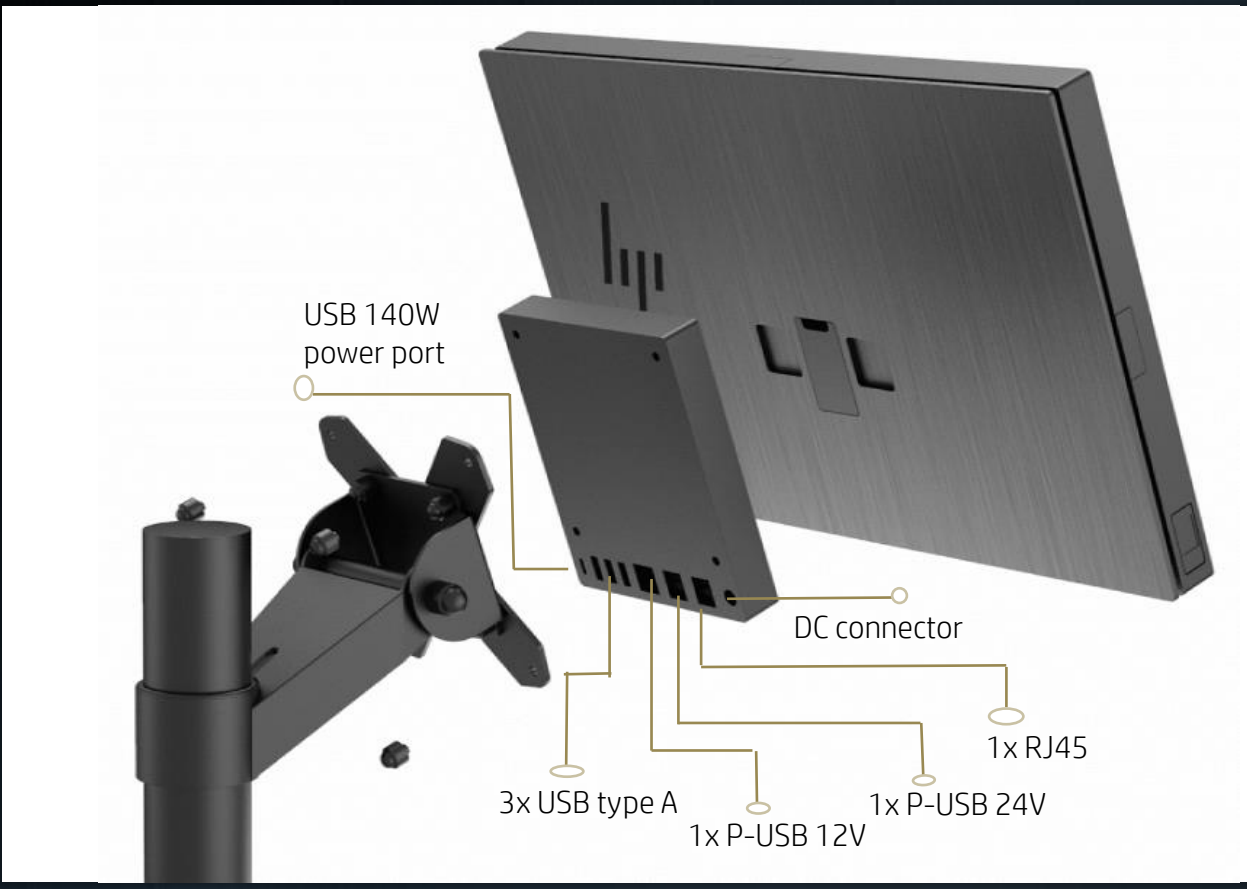
POWER PORT
12v & 24v PUSB ports to support your needs

RJ45(1)
Ethernet connectivity



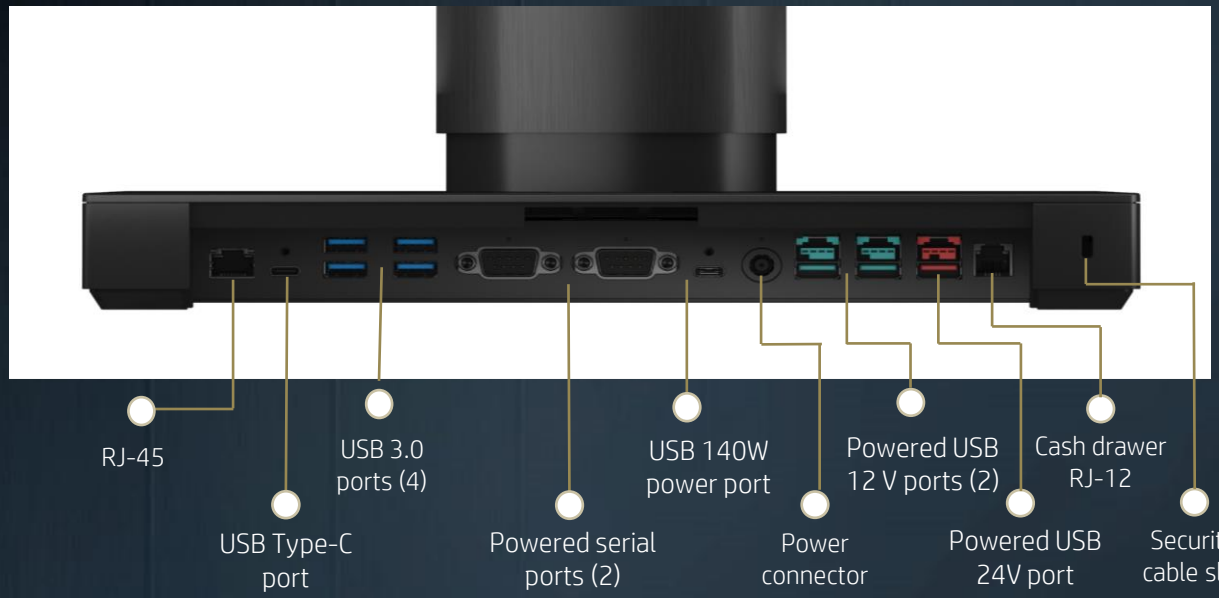
SIMPLE VESA MOUNT WITH I/O CONNECTIVITY

VESA HUB FEATURES



HP ENGAGE PRO ADVANCED FANLESS HUB

ULTRA-VERSATILE CONNECTIVITY EXPERIENCE



Fanless connectivity hub limits dust ingression

Place directly under the stand or under the counter for a clean counter aesthetic

Integrated keyholes enable easy wall-mounting and under-counter mounting

Combine with the column hub or VESA hub for even more I/O connectivity

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LANDSCAPE ORIENTATION WITH VESA

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PORTRAIT ORIENTATION WITH VESA

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HP Engage One Pro Pole Mount

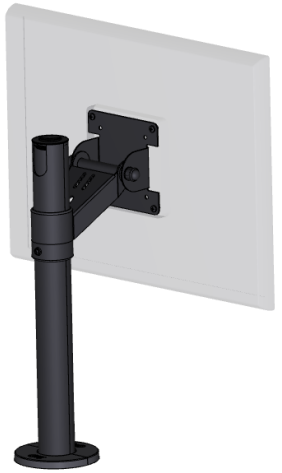
2 AMO kits *(Ergonomic Solutions)*

- AMO #1: Engage One Pro Flexible Pole Single Mount
  - HP third party tilt/swivel stand for Engage One Pro
  - Mounting adapter to Engage One Pro head unit
- AMO# 2: Engage One Pro Flexible Back to Back Bracket
  - CFD mounting adapter> for customer use with 10”, 14”, 16” CFD
- Customer wants back to back mount must order AMO#1plus AMO#2 kits

Note :
Tasmania head unit must always connect to a hub
There are two VESA solutions for pole and wall mounting:
- Platypus Hub
- Slim VESA mount (no hub)

So if you use slim VESA on the head (to hang on a 3rd party pole) the only available hub is then Possum.

And the only way to connect the head to Possum is to use a long cable.



Additional Stand Options

From our partner [Spacepole / Ergonomics Solutions]

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MOST POWERFUL ALL-IN-ONE POS SYSTEM

PERFORMANCE

MOST POWERFUL POS SYSTEM

Delivers powerful performance and productivity for exceptional customer experiences. **10th Gen** 65W Intel® processors (Comet Lake) including **Celeron to i9 options**

DESIGN

SLEEK & PURPOSEFUL

The sleekness of an all-in-one + versatility of a modular system

FLEXIBILITY

EXCEPTIONAL EXPERIENCES

Most customizable and expandable POS system to meet a wide range of use cases

SECURE & DURABLE

WORLD'S MOST SECURE POS SYSTEM

Built to withstand demanding environments with layers of security to protect digital assets

EMBEDDED PERIPERAL OPTIONS

Magnetic stripe reader

Barcode Scanner

Fingerprint reader

Customer Display

FACIAL RECOGNITION

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CUSTOM EMULATION

STANDALONE CFD

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CURATE & PROMOTE BRAND LOYALTY

WITH PREMIUM CUSTOMER FACING DISPLAYS, IN BLACK & WHITE

Flexible configurations. Choose from a **VESA plate, Engage, Clean-Mount, or Stability Mount** stand

FHD PCAP touchscreen featuring anti-glare and anti-smudge screens

Integrated **5 MP webcams and speakers** on our 6.6”, 14”, and 15.6” displays

6.6” Diagonal FHD	10” Diagonal FHD	14” Diagonal FHD	15.6” Diagonal FHD
400 nits (1)	500 nits (1)	400 nits (1)	400 nits (1)
PCAP touch	PCAP touch	PCAP touch	PCAP touch
IPS	IPS	IPS	IPS
Anti-glare	Anti-glare	Anti-glare	Anti-glare
50k hours	50k hours	50k hours	50k hours
VESA*	VESA	VESA	VESA

4*VESA mounting available for the HP Engage 6.6 inch with Payment and HP Engage 6.6 inch without Payment

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11:03
FCO
WINGS
SUCCESSFUL FLIGHT CHECK-IN!
FCO
LGW
LONDON, ENGLAND
SEAT
16A
GATE
24F
13:25
FC352

Saída
Exit
Visitus Travel
SFO
LAX
$166
$216

Bridal Registry

FINE DINING
RECREATION
THE OAK
CHECK-IN DATE
ROOM #
ROOM TYPE
OF GUESTS
OF ROOMS
SPECIAL REQUESTS
OF NIGHTS
ADDT'L ADULTS
FINE DINING
RECREATION
THE OAK

SALAD & SANDWICH BAR
PLEASE PAY HERE
SPECIALS
cafe now
Tea Drinks
Coffee Drinks
Frozen Drinks
Pastries
Sandwiches
UNION
REVELATION

SO FRESH.
SO GOOD.
NOVI
SO FRESH.
SO GOOD.
NOVI
SALAD 7.79
TOTAL 9.64
SALAD 7.79
TOTAL 9.64

Healthy MARKET
A
B-C
D-J
K-M
N-O
P
Q-S
T-Z
Popular
Scan your membership card
Key in code

HEALTHCARE MANAGEMENT
Medical Software System
Call Emergency Call Center

RECEIPT
Thank you for shopping at
TLC Pharmacy
Visit us online to manage your prescriptions
and even place refill orders

SLIM VESA WALL MOUNT

COMPLETE YOUR SOLUTION

WITH STANDALONE PERIPHERAL OPTIONS

HP Engage One 2D Barcode Scanner

- Scan mobile wallets and digital coupons from customer mobile devices or printed 1D and 2D barcodes
- Deliver an efficient customer experience with HP's smallest, slimmest barcode scanner

HP Engage One Fingerprint Reader

- Enable secure, accurate employee log in protocols
- Reduce opportunities for theft and employee fraud

HP Engage One Receipt Printer

- Print quickly with 114 mm per second print speed and 8 MB of integrated memory.
- Connect with an optional USB, PUSB or Serial cable kit (sold separately), and drive up to two optional cash drawers

ENGINEERED TO STAND THE TEST OF TIME

IP 44 Rating
Design to IP44 rating to resist dust and liquid intrusion, to be continuously used in rugged environments for many years

Scratch Resistant
Aluminum chassis & steel frames, plates, & stand provide rigidity

Fan-less Connectivity hub
to avoid dust instruction into the ports to ensure connectivity

Durable Construction

UNDERGOES **19** MIL-STD 810H TESTS

120k HOURS HP TOTAL TEST PROCESS

5 YEARS PRODUCT LIFE CYCLE

TESTED FOR DURABILTY

HP Total Test Process

An exhaustive series of rigorous tests and validation procedures that demonstrate superior quality and reliability in a wide range of applications and operating environments.

Testing program consists of a minimum of **120,000 hours** of rigorous **multi-tiered testing** and **validation procedures** per computing platform.

Exposed to rigorous conditions including:

- Harsh drops and vibration
- High temperatures
- Mechanical and functional tests that simulate rough handling over the life of the product

EXTREME DESIGN AND TESTING DELIVERS A DURABLE RETAIL PLATFORM

Platform Design:

- Glove capable and water rejection touch technologies for enhanced reliability
- 300k duty cycle on stand rotation in the Rotate / Tilt stand selection
- System weight and base body construction designed to provide chassis stability
- High-quality, gold-plated connectors provide longer insertion life and lower susceptibility to corrosion
- Robust power supplies that reduce the need for separate peripheral “power bricks” and can support powered peripherals
- Anodized Aluminum chassis for durability
- Powerful and flexible connectivity with poly fuse protection and supports “locking” to I/O port
- Sealed and chemically hardened Industrial grade panel[30]
- Thermal tolerance 10°C-40°C (50to 104°F) ambient temperature and 20% to 85% relative humidity environment

Platform Testing:

- Vibration and shock tests
- Drop test
- Board flex/ die stain
- Power Cycling
- Power supply industrial
- Fan reliability
- System Compatibility and integration
- Interface Stress
- MIL-STD[29]
- IP44
- Power Measurements
- Electrostatic discharge
- Power-on after power loss in BIOS
- Radio frequency (RF) interference
- Storage Thermals
- Package Testing
- HALT
- Strife
- HP Total Test Process (TTP)
- Time Domain Reflectometry (TDR)

WORLD'S MOST SECURE POS SYSTEM

U.S. retail is the most targeted industry, followed by restaurants and hospitality. Combined, they account for 42% of all incidents

HP systems are built with **hardware-enforced** security features and layers of protection, **below**, **in** and **above** the OS to **proactively prevent** threats and **quickly recover** in the event of a breach

HP ENDPOINT SECURITY CONTROLLER

UNIQUE HARDWARE ENABLES RESILIENT DEVICES

- Physically isolated
- Cryptographically secured

3RD PARTY CERTIFIED

by an accredited independent test lab
(Overseen by ANSSI)

HP Sure Start | HP Sure Run | HP Sure Recover

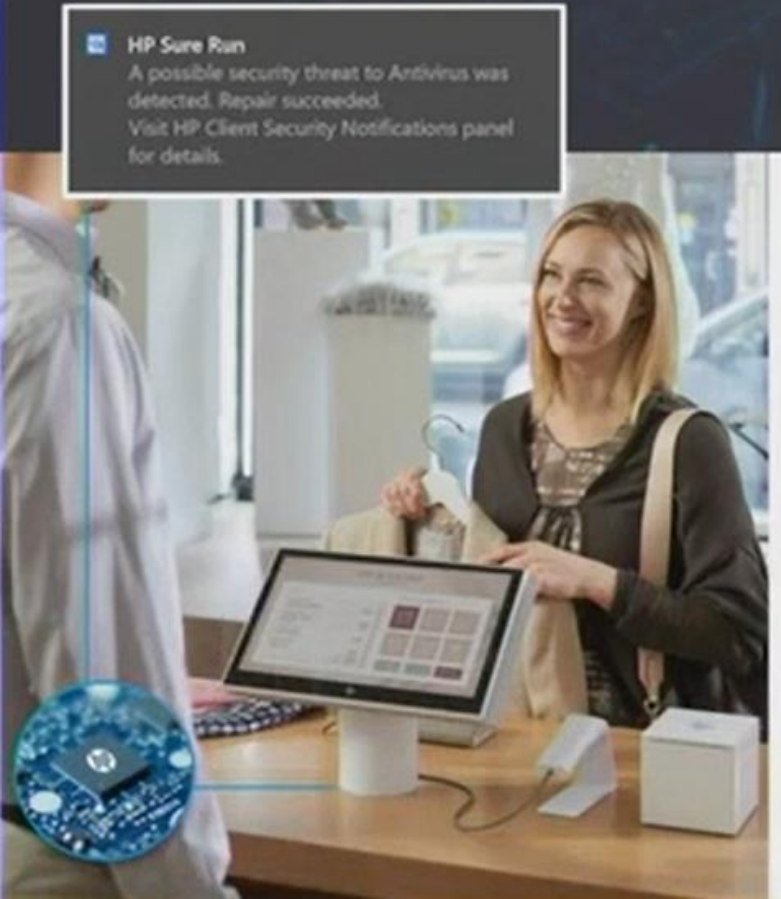
HP SURE START

PROTECT WHERE ANTIVIRUS DOESN'T

Protecting your BIOS with HP Sure Start creates a HARDENED ROOT OF TRUST.

HP SURE START IS THE
WORLD'S FIRST SELF-HEALING BIOS

HP SURE RUN



PROTECTS AGAINST ATTACKERS TURNING OFF YOUR ANTIVIRUS

HP Sure Run enlists the HP Endpoint Security Controller to:

- MONITOR key processes.
- ALERT of any changes.
- RESTART automatically.

HP SURE RECOVER

FAST, SECURE, AUTOMATED

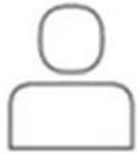
EFFICIENT IMAGE RECOVERY AT ANYTIME, ANYWHERE WITHOUT IT ENGAGEMENT

AUTOMATIC RECOVERY

if no ODS is found.

SCHEDULED REIMAGING

to the corporate image.



USER EMPOWERMENT

reimage without IT.

LAYERS OF PROTECTION

HP ESSENTIAL SECURITY[1]

ABOVE THE OS	HP Manageability Integration Kit Gen3[2]
IN THE OS	HP Sure Recover Embedded Reimaging Gen3[3] HP Sure Run Gen3[4] HP Sure Start Gen6[5] HP Client Security Manager Gen5 HP Multi-Factor Authenticate Gen3[6] HP Sparekey HP Sure Sense[7] HP Sure Click[8] HP Sure Erase[9]
BELOW THE OS	HP Biosphere Gen5[10] HP Sure Start Gen6[11] Certified self-encrypting drives

SUSTAINABILITY MADE

Plastic content consists of >50% post-consumer recycled plastic, including ocean bound plastic

Sustainably sourced and recyclable packaging

Long life-cycle and highly recyclable at the end of life

Payment options

INTRODUCING
FRUIT & CHEESE PLATTERS
FIGS
OLIVES
PANCETTA
CHEESE & ALMONDS
PROSCIUTTO
PAY HERE
TOTAL:
$ 12.91

HP Retail Solutions

Use cases

Systembolaget

HP deliver :

- HP Engage One Pro
- Datalogic 3450Vsi Presentation Scanner
- HP Engage 10 VESA Display
- HP Engage Imaging Barcode Scanner II
- EpsonTM88VI Serial Ethernet USB Ptr only
- Epson 10 FT Powered USB Y Cable
- HP Standard Duty Cash Drawer

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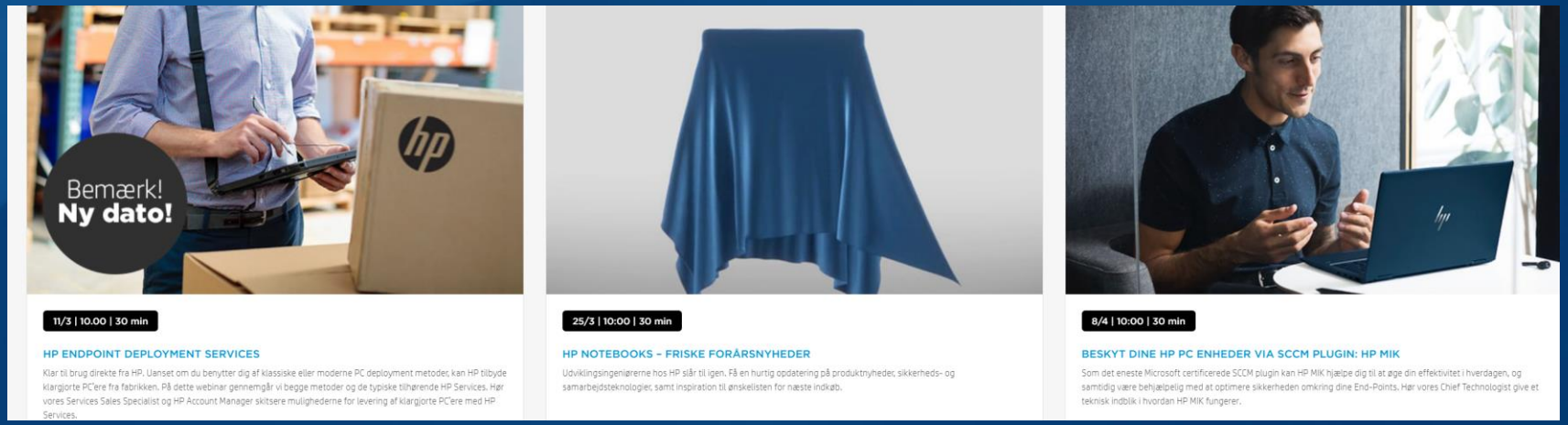
TUSIND TAK FOR JERES DELTAGELSE!

PRÆSENTATION + RECORDING DELES VIA MAIL OG PÅ HPFOKUS.DK/VIRTUELVIDEN/

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