

# Specifications

## DESIGN

Product colour	Silver
Product type	Mobile thin client
Form factor	Clamshell
Brand	HP
Family	Mobile Thin Client
Model name	mt45
Part Number	3JH22EA
Release Date	01 July 2019
EAN/UPC code	0193905578511, 0193905577200, 0193905577255, 0193905577590, 0193905577538, 0193905577309, 0193905577545, 0193905577361, 0193905577194, 0193905577132, 0193905577422, 0193905577279, 0193905577576, 0193905577507, 0193905577286, 0193905577170, 0193905578467, 0193905576890, 0193905577415, 0193905577491, 0193905577460, 0193905577354, 0193905577347

## PROCESSOR

Processor family	AMD Ryzen 3 PRO
Processor frequency	2.1 GHz
Processor boost frequency	3.5 GHz
Thermal Design Power (TDP)	15 W
Processor model	3300U
Processor cores	4
Processor threads	4
Processor cache	4 MB
Processor lithography	12 nm

## MEMORY

Internal memory type	DDR4-SDRAM
Internal memory	8 GB
Memory form factor	SO-DIMM
Memory clock speed	2666 MHz
Memory slots	2x SO-DIMM
Memory layout (slots x size)	2 x 4 GB

## DISPLAY

Display diagonal	14 inch
Dual-screen	N
Panel type	IPS
HD type	Full HD
LED backlight	Y
Touchscreen	N
Display resolution	1920 x 1080 pixels

## GRAPHICS

On-board graphics adapter	Y
Discrete graphics adapter	N
On-board graphics adapter model	AMD Radeon Vega 6
Discrete graphics adapter model	Not available
On-board graphics adapter base frequency	1200 MHz

## STORAGE

Total storage capacity	128 GB
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Number of SSDs installed	1
SSD capacity	128 GB
Total SSDs capacity	128 GB
SSD interface	Serial ATA
SSD form factor	M.2
Card reader integrated	Y
Storage media	SSD
<b>OPTICAL DRIVE</b>	
Optical drive type	N
<b>NETWORKING</b>	
Ethernet LAN	Y
Wi-Fi	Y
WLAN controller model	Intel Dual Band Wireless-AC 9560
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Antenna type	2x2
Bluetooth	Y
Bluetooth version	5.0
4G	Y
4G standard	LTE
3G	Y
3G standards	HSPA
2G standards	GPRS
<b>PORTS &amp; INTERFACES</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1
HDMI version	2.0
Docking connector	Y
Combo headphone/mic port	Y
HDMI ports quantity	1
Ethernet LAN (RJ-45) ports	1
<b>AUDIO</b>	
Built-in microphone	Y
Number of built-in speakers	2
Audio system	Bang & Olufsen
Number of microphones	2
<b>CAMERA</b>	
Front camera	Y
Infrared (IR) camera	Y
Front camera HD type	HD
<b>KEYBOARD</b>	
Numeric keypad	N
Full-size keyboard	Y
Pointing device	Clickpad
<b>SOFTWARE</b>	
Operating system installed	HP ThinPro OS
Operating system architecture	64-bit
<b>BATTERY</b>	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity (Watt hours)	50 Wh
<b>WEIGHT &amp; DIMENSIONS</b>	
Weight	1.48 kg
Height	17.9 mm
Depth	234 mm
Width	326 mm
<b>POWER</b>	
AC adapter power	65 W
<b>SECURITY</b>	
Fingerprint reader	Y
<b>BRAND-SPECIFIC FEATURES</b>	
HP Smart AC Adapter	Y
HP segment	Business
HP speaker type	HP Dual Speakers
HP front camera	HP Webcam HD IR