



Kindermann OPS-PCs

OPS I5-1240P / I5-12450H OPS I7-1260P / I7-12650H

- > Intel 12th Generation Core CPUs (Alder Lake-P)
- > 2x USB Type C, Thunderbolt 4 compliant
- > 8K output via JAE and USB-C
- > 1x HDMI 1.4 IN (available as UVC device)
- > WIFI 802.11ax built-in, supporting Wi-Fi 6E
- > Bluetooth 5.2 / 5.3 built-in
- > Support of TPM 2.0
- > Windows 11 Pro, pre-installed

Description

Connections

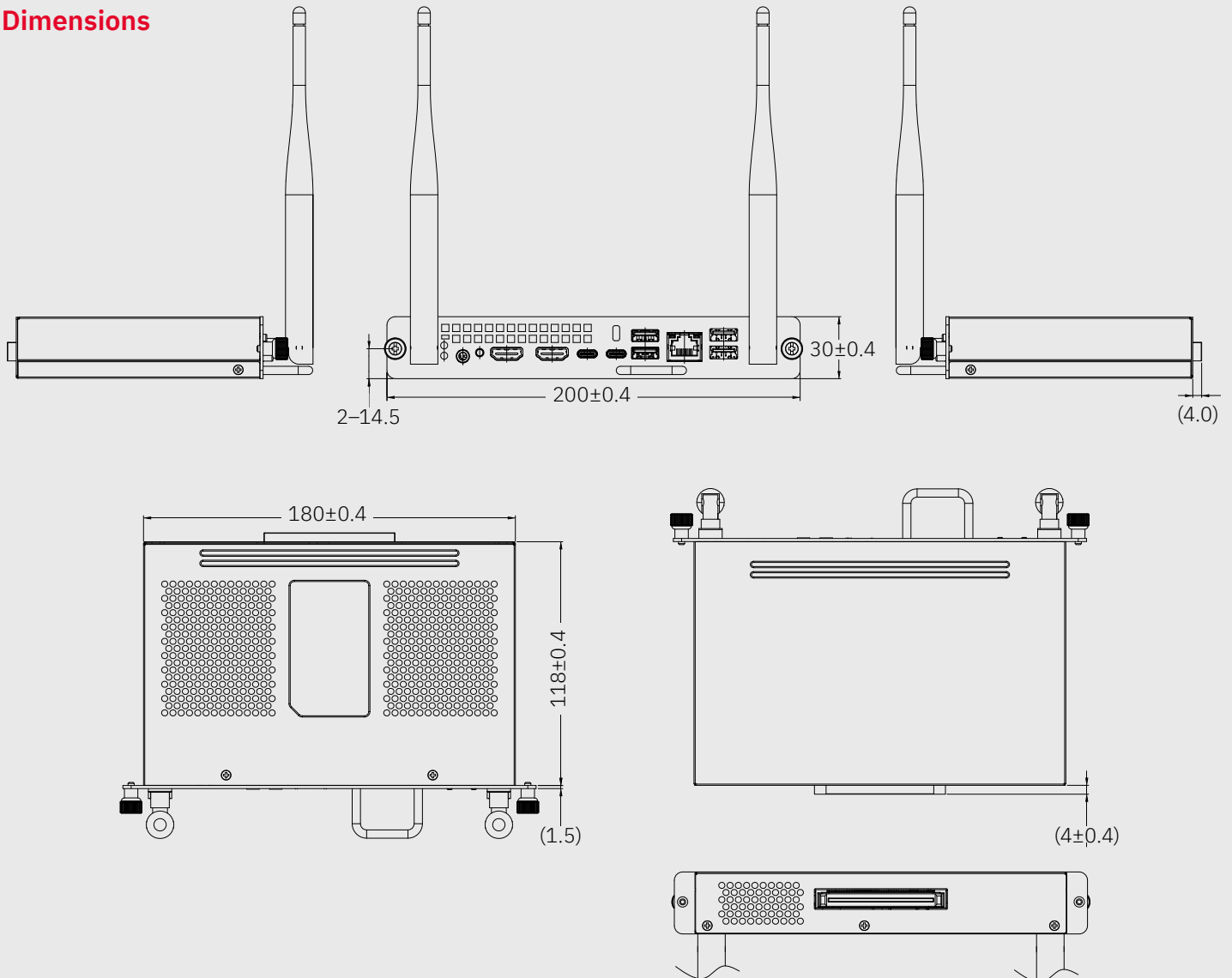


Front



Rear

Dimensions



Technical data

	OPS i5-1240P	OPS i5-12450H	OPS i7-1260P	OPS i7-12650H
Ref. No.	3051000060	3051000062	3051000061	3051000063
Processor				
CPU	Intel i5-1240P	Intel i5-12450H	Intel i7-1260P	Intel i7-12650H
Frequency	max. turbo 4.4 GHz		max. turbo 4.7 GHz	
Cores	4 performance and 8 efficiency cores	4 performance and 4 efficiency cores	4 performance and 8 efficiency cores	6 performance and 4 efficiency cores
Processor base power	28 W	45 W	28 W	45 W
RAM				
Size	16 GB	8 GB	16 GB	16 GB
Type	DDR4 3200 MHz			
Socket	2x SO-DIMM			
Graphics				
GPU	Intel Iris Xe Graphics (80 EU)	Intel UHD Graphics	Intel Iris Xe Graphics (96 EU)	Intel UHD Graphics
HDMI OUT (80Pin JAE/HDMI)	4096 x 2160 @ 60 Hz (80pin JAE) / 3840 x 2160 @ 30 Hz (HDMI front)			
DP 1.4 (80Pin JAE)	7680 x 4320 @ 30 Hz	7680 x 4320 @ 60Hz	7680 x 4320 @ 30 Hz	7680 x 4320 @ 60Hz
HDMI IN	4096 x 2160 @ 30 Hz	-	4096 x 2160 @ 30 Hz	-
Thunderbolt 4.0	7680 x 4320 @ 30 Hz			
Network				
Interface	Intel I219LM, 10/100/1000 MBits 1x RJ45			
WIFI/Bluetooth	Intel (AX211), Triple WIFI 2.4, 5 & 6 GHz, supports 802.11ax, Bluetooth 5.3	Intel (AX201) WIFI 2.4 & 5 GHz, supports 802.11ax, Bluetooth 5.2	Intel (AX211), Triple WIFI 2.4, 5 & 6 GHz, supports 802.11ax, Bluetooth 5.3	Intel (AX201) WIFI 2.4 & 5 GHz, supports 802.11ax, Bluetooth 5.2
I/O				
USB	2x Thunderbolt 4 (type C) 2x USB 3.2 Gen1 (type A) 2x USB 2.0 (type A)			
Audio	Realtek ALC897, 1x 3,5 mm combined mic in / line out			
Buttons	Power, Reset			
LED Indicators	Power, Memory			
Storage				
SSD	256 GB			
WatchDog Timer	yes			
Auto Power On	yes			
RTC	yes			
Wake on Lan	yes			
Operation System	Windows 11 Pro English, pre-installed, no license			
Power				
Type	12V / 19V, 5A			
Mechanical				
Dimensions (WxDxH)	180 x 119 x 30 mm			
Construction	metal			
Color	black			
Weight	about 1,25 kg			
Environment				
Operating Temperature	-5° - 45° C			
Relative Humidity	5 - 95 % (non condensing)			
Certification	CE (UKCA)			
Scope of delivery	2x Wi-Fi antenna			

All prices are net prices excl. VAT.
Subject to change in the interest of progress. Illustrations and technical specifications may contain additional options and are not binding for the design. All dimensions are subject to the usual tolerances.



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