

PBX-WORKSTATION-DS-ALR-I5



- Small form factor.
- Long term fixed configuration.
- 12th Gen Intel Core 35W CPU series with iGPU.
- Dual Gigabit LAN.
- 2 x DisplayPort and 2 x HDMI.
- Wireless connectivity.
- VESA mounting option.



Product Description:

The Deskbox-ALR-series is a line small form factor desktop Clients for general desktop use.

Based on an Intel 12th Gen Core platform 35W TDP-series CPU's, the Deskbox-ALR solution offer a great performance with scaled power consumption and heat dissipation. Standard dual band Wifi and Lan interfaces allow easy network integration.

The Deskbox-ALR-series come with a desktop stand and a VESA-mount bracket for easy mounting behind a display*.

This series boots very fast thanks to SSD technology and offers full protection against viruses, malware and unauthorized software installation by use of the Microsoft Lockdown Features.

Model name	PBX-WORKSTATION-DS-ALR-I5
Form factor	SFF system
# of nodes	1
CPU	Intel 12th Gen 35W Core –series
# of CPU sockets	1
Chipset	Intel SOC
Memory type support	DDR4 3200MHz DIMM
# of memory slots and channels/CPU	2/2
Maximum memory capacity	64GB
Default OS drive type	1 x M.2 NVMe module
OS RAID controller and configuration	None
OS Storage size	Default 250GB, up to 4TB
OS Recovery	Optional: 1 x 2.5" Recovery drive with SW app (only with Windows)
# Free M.2 NVMe slots	0
# and type of Storage bays	1 x 2.5" bay
Storage Drive types	2.5" SATA SSD/HDD's
Default Storage RAID Controllers	None
Default Storage RAID configurations	None
Optional Storage RAID Controllers	None
Optional Storage RAID configurations	None
Onboard graphics controller	Intel UHD Graphics 700-series
Onboard Graphics interface	2 x DP, 2 x HDMI
Type of graphics card support	None
# Graphic card support	0
LAN interface onboard	2 x 1Gb LAN
LAN options	None
Wireless communication	Optional Bluetooth, Dual Band 802.11ax WiFi
Front Communication interfaces	2 x USB 2.0 Type-A
Rear Communication interfaces	4 x USB 3.2 GEN2 Type-A
Side communication interfaces	None
Audio interfaces rear	Mic-in, Speaker-out
Audio interfaces front or side	None
# Free PCI-e x1/x2/x4/x8/x16 slots	0/0/0/0/0
# Free PCI 32-bit slots	0
Default Operating system	Windows 10 IoT Enterprise
Operating Systems Support	Windows 11 IoT, Windows 10/11 Professional, Windows Server 2019/2022 Editions, Various Linux distributions, VhWac
Monitoring & Alarming	None
Remote management	None
Physical Security	None
Software Security	Optional TPM
Chassis FAN's	None
Noise production	<35 dB
Power input	12V DC
Power supply type and power	90W PSU Adapter
Optional Power Supply	None
Power consumption (average - max)	See detailed table
Dimensions (WxHxD)	185mm x 197mm x 44mm
Weight (minimal configuration)	1kg
Mounting	Pedestal feed and desktop stand
Operating /Storage temperature	10°C ~ 35°C/-40°C ~ 70°C
Operating /storage relative humidity	10% to 85%/10% to 95%

PN's and options

In the below list an overview is available from the part numbers for optional parts and upgrades. This list is not complete and the configuration limits are not mentioned. For a better overview please consult our online configurator our contact your sales representative for more information.

On demand	SFF Client, i3-1215U, 8GB RAM, 250 GB M.2, Windows 10 IoT, VESA mount and table stand
PBX-WORKSTATION-DS-ALR-I5	SFF Client, i5-12450U, 16GB RAM, 250 GB M.2, Windows 10 IoT, VESA mount and table stand
On demand	SFF Client, i7-1265U, 16GB RAM, 250 GB M.2, Windows 10 IoT, VESA mount and table stand
Memory upgrade	
HMEM-DDR4S-8G1-ADD	8GB DDR4 DRAM Additional, comes in 1 x 8GB So-DIMM
HMEM-DDR4S-32G2-UPG	32GB DDR4 DRAM So-DIMM upgrade, comes in 2 x 16GB !!! Factory upgrade only!!!
Operating system upgrade	
HW10-W11IoT-UPG	Upgrade from Windows 10 IoT to Windows 11 IoT Enterprise LTSC

Benchmarking results

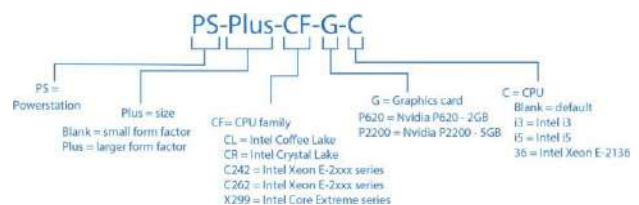
Video camera benchmarks	Tests available
Storage throughput benchmarks	Tests available
Camera bitrate benchmarks	Tests available
Burn-in test results	Tests available

Power consumption

i3-1215U + 16GB RAM + 1 M.2	25W Avg/ 70W Max
i7-1265U + 16GB RAM + 1 M.2	25W Avg/ 70W Max

In the box

1 x PBX-WORKSTATION-DS-ALR-I5
1 x Tower Stand
1 x Power Cords
2 x Wifi Antennas



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