Deskbox-Plus-RYZ-series

- Great bang-for-the-buck performance with the AMD Ryzen platform.
- Compact, silent & stylish form factor.
- Variety of optional GPU cards.
- Desktop stand for vertical placement.

Product Description:

The Hawc Deskbox-Plus-RYZ-series is a line of small form factor desktop clients coming with a variety of AMD graphic cards. Based on the AMD Ryzen platform CPU's the Deskbox-Plus-RYZ solutions offer extremely high performance in a compact, silent and stylish form factor.

Standard dual band Wifi, Lan interfaces and Bluetooth allow easy network integration. The Deskbox-Plus-RYZ-series come with a desktop stand for vertical placement.

The Deskbox-Plus-RYZ-series boot 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	Deskbox-Plus-RYZ
Form factor	Small form factor desktop box
Chipset	AMD A520
CPU	AMD Ryzen 3, 5 and 7 series
Memory	2x 8GB DDR4 2666MHz
Memory type support	Non-ECC
Maximum memory capacity	64GB DRAM
Graphics controller	AMD Integrated (depending on CPU), AMD RX card
Graphics interface	1xDP(5K),1xHDMI (4K) from internal graphics and graphics card interfaces
LAN interface	1 x 1Gb LAN
Wireless interface	Bluetooth, Dual Band 802.11ac WiFi
Audio interfaces	Line out, Mic in
Communication interfaces	Front: 2x USB 3.0, Rear: 3x USB 3.1 Gen1 Type-A Port, 1x USB 3.1 Gen1 Type-C Port, 2x USB 2.0 Port
OS drive type	240GB M.2 NVMe
Storage drive(s)	-
Storage options	-
Operating system	Linux Ready, Windows 10 IoT Enterprise
Management	-
Remote management	-
Noise production	-
Power input	230 VAC
Power supply	-
Power consumption	Average with Ryzen 3: 75W, Maximum: depends on graphics card and cpu
Dimensions (WxHxD)	377mm x 88mm x 332mm
Weight	5Kg (minimal configuration)
Operating temperature	0°C – 40°C

Benchmarking results

Ryzen 7 3700X	
Camera view at 2MP, H.264 @ 25FPS	64 Channels Max
Camera view at 8MP, H.264 @ 20FPS	12 Channels Max
Camera view at 8MP, H.265 @ 20FPS	12 Channels Max

*All test performed on a 4K monitor.

The number of channels increases on monitors with a lower resolution.

PN's and options

DB-Plus-Ryz5-55	Compact Desktop Client, Ryzen 5 3600, 16GB RAM, 240 GB M.2, RX550-2G, W10 IoT
DB-Plus-Ryz7-55	Compact Desktop Client, Ryzen 7 3700X, 16GB RAM, 240 GB M.2, RX550-2G, W10 IoT
DB-Plus-Ryz5-58	Compact Desktop Client, Ryzen 5 3600, 16GB RAM, 240 GB M.2, RX580-4G, W10 IoT
DB-Plus-Ryz7-58	Compact Desktop Client, Ryzen 7 3700X, 16GB RAM, 240 GB M.2, RX580-4G, W10 IoT

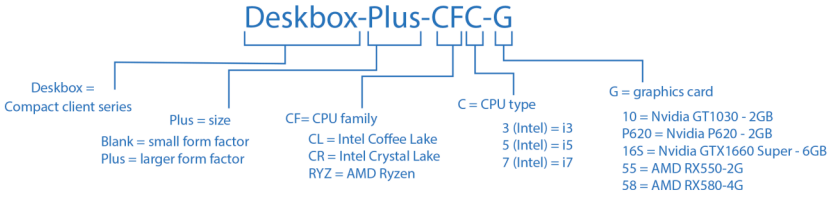
Please contact Hawc or your Hawc-representative for additional information about the specifications, features, options, benchmarks, configurations, appliance software or any other inquiry.

Graphics Cards

DB-Plus-xxx-55	RX550 with 1 x HDMI + 1 x DP + 1 x DVI
DB-Plus-xxx-58	RX580 with 1 x HDMI + 3 x DP + 1 x DVI

In the box

1 x Deskbox-Plus-RYZ system
1 x desktop stand
1 x power cord
2 x WiFi antenna



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For any further information please contact sales@hawc.be