

## Deskbox-Plus-RYZ-series

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.



### Specifications

Model name	Deskbox-Plus-RYZ
Chassis Model	Small form factor desktop Box
Chipset	AMD A520
Processor	AMD Ryzen 3, 5 and 7 series
Memory	2 x 8GB DDR4 2666 MHz DRAM, Up to 64GB Max
Graphics	1 x AMD RX card + AMD integrated (depending on CPU)
Network interface	1 x 1Gb LAN + Dual Band 802.11ac WiFi + BT 4.2
Video interfaces	1 x DP (5K), 1 x HDMI (4K) from internal graphics + graphics card interfaces
Audio Interfaces	Front: mic/speakers Rear: mic/speakers
Communication interfaces	Front: 2 x USB 3.0 Rear: 3 x USB 3.1 Gen1 Type-A Port 1 x USB 3.1 Gen1 Type-C Port 2 x USB 2.0 Ports
Storage type and size	240 GB M.2 NVME (OS)
Operating system	Windows 10 IoT Enterprise
Power input/supply	230 VAC
Power Consumption	Average with Ryzen 3: 75W/ Maximum: depends on graphics card and CPU
Chassis dimensions	377 x 88 x 332 mm
Weight	5 Kg (minimal configuration)
Operating temperature	0°C – 40°C

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### 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 tests performed on a 4K monitor. The number of channels increases on monitors with a lower resolution.

### 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 system
1 x Power cord
2 x Wifi antenna
1 x desktop stand

### 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.