Simulation Quadbox

QBS-441

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Key Benefits

▼ High-performance, high density image generation, powered by Intel Xeon/Core processors and NVIDIA RTX/Quadro graphics cards

▼ Synchronisation options power multiple displays as a combined large format, free of artifacts and timing issues

▼ Robust and reliable with an improved thermal profile

▼ Combines four systems into one 4U chassis, lowering demand on rack space

▼ Shared system architecture provides more cost-effective performance

The Captec Quadbox provides four Image Generation (IG) systems in one 4U enclosure.

Our unique system design maximises the potential for Intel Xeon and Core CPUs, as well as NVIDIA RTX/Quadro GPUs to offer the same performance as four individual IG systems while saving on space, weight and reducing maintenance and repair time.

The option of an integrated Quadro Sync card enables the independent graphics outputs to be used for multiple displays to form large-format perfectly synchronised displays.
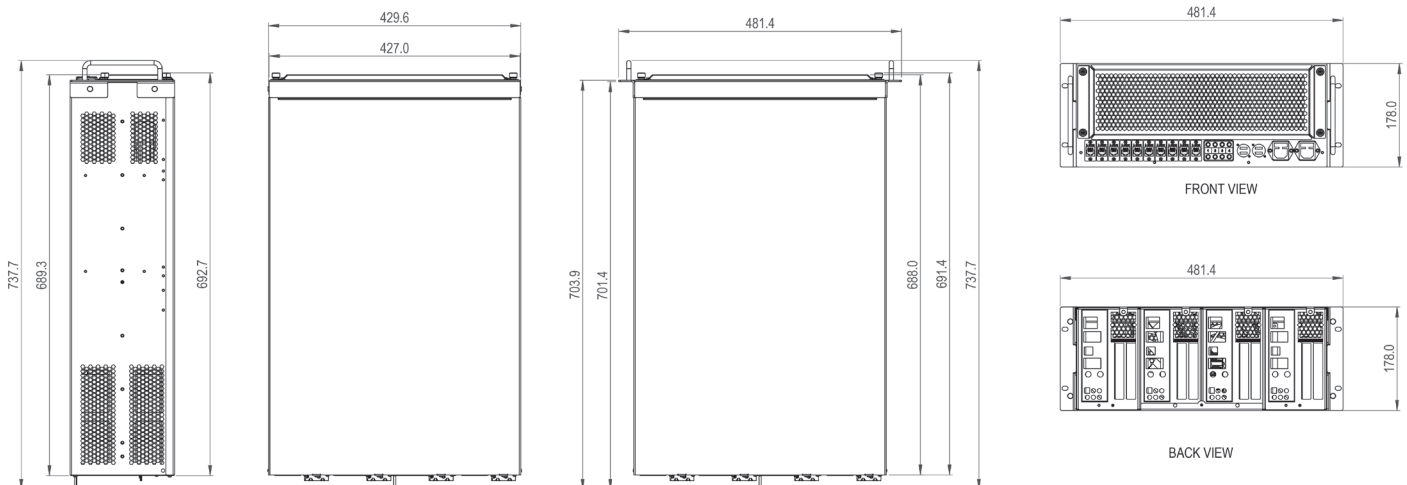
Specifications

QBS-441	System comprising of 4 IG nodes. Each node comprises of the below
CPU	Gold module: Intel i9-10900E 2.8 GHz (4.7 GHz Turbo, 10C/20T) Silver module: Intel i7-10700 2.9 GHz (4.8 GHz Turbo, 8C/16T) Bronze module: Intel i5-10400 2.9 GHz (4.3 Ghz Turbo, 6C/12T)
Chipset	Intel H420E
Memory	Up to 64GB DDR4 2933 MHz
Disks	1 x 2.5" SSD or M.2 NVMe
Graphics	NVIDIA RTX or Quadro Graphics
LAN	1 x 1Gb LAN, 1 x 2.5Gb LAN
I/O	2 x USB 2.0, 3 x USB 3.2
Video	2 x Display Port 1.2 (Onboard) + Expansion from discrete GPU
Audio	Realtek ALC887/RLC897 HD - 1 x Line Out, 1 x Mic-In
Operating System	Windows 10/11 IoT

QBS-441	System comprising of 4 IG nodes. Each node comprises of the below
Input Voltage	110-230VAC, 50/60Hz
Width/Mounting	19"
Dimensions	427mm W x 177.8mm H x 676.3mm D (Excluding mounting handles / earth Stud)
Weight	approx. 29kg subject to final graphics configuration
Operating Temperature	0°C - 35°C
Storage Temperature	-40°C - 85°C
Ordering Information	Gold Module : H420E, Intel i9-10900E, 16GB DDR4, 1TB SSD, Windows 10 IoT 64-bit Silver Module : H420E, Intel Core i7-10700, 16GB DDR4, 1TB SSD, Windows 10 IoT 64-bit Bronze Module : H420E, Intel Core i5-10400, 8GB DDR4, 1TB SSD, Windows 10 IoT 64-bit
Options	Quadro Sync card
Certification	UKCA/CE

Technical Details

FRONT VIEW

BACK VIEW