

Workstations Matrix



Model	Base Unit	HDD	DVD Drive	Processor	Memory	Service	OS
Z230 SFF	HP Z230 700W 90% Efficient Chassis	500GB 7200 RPM SATA	SuperMulti DVD RW SATA	Intel Core i7-4770 CPU @ 3.40 GHz	8GB RAM	HP 3-year Next Business Day on-site hardware support	Microsoft Windows 8.1 Pro Edition, 64-bit OS
Z440 NG	HP Z440 700W 90% Efficient Chassis	500GB 7200 RPM SATA	SuperMulti DVD RW SATA	Intel Xeon E5-1620 v3 3.5 10M 2133 4C CPU	8GB DDR4-2133 (2x4GB) RAM	HP 3-year Next Business Day on-site hardware support	Microsoft Windows 8.1 Pro Edition, 64-bit OS
Z440 EE	HP Z440 700W 90% Efficient Chassis	500GB 7200 RPM SATA	Blu-ray Writer SATA	Intel Xeon E5-1650 v3 3.5 15M 2133 6C CPU	16GB DDR4-2133 (4x4GB) RAM	HP 3-year Next Business Day on-site hardware support	Microsoft Windows 8.1 Pro Edition, 64-bit OS

Graphic Card Matrix



Workstation	Graphic cards	Application	Description	No of cards supported	Maximum monitors per card	Max monitors per WS (1)	Connectivity
Z230 SFF	MHW-AWGC-K620	Entry 3D Graphics Card	NVIDIA Quadro K620 (2 GB)	No 2nd card supported	2	2	
Z440 NG	MHW-AWGC-K620	Entry 3D Graphics Card	NVIDIA Quadro K620 (2 GB)	1 or 2 of these cards are supported—2nd card must match 1st	2	4	
	MHW-AWGC-K2200	Mid-Range 3D Graphics Card	NVIDIA Quadro K2200 (4 GB)	1 or 2 of these cards are supported—2nd card must match 1st	2	4	
	MHW-AWGC-K4200	High-End 3D Graphics Card	NVIDIA Quadro K4200 (4 GB)	No 2nd card supported	2	2	
	AMD FirePro W5100	Mid-Range 3D Graphics Card	AMD FirePro W5100 (4 GB)	1 or 2 of these cards are supported—2nd card must match 1st	4	8	
	MHW-AWGC-M4000	High-End 3D Graphics Card	NVIDIA Quadro M4000 (8GB)	No 2nd card supported	4	4	
Z440 EE	AMD FirePro W7100	High-End 3D Graphics Card	AMD FirePro W7100 (8 GB)	No 2nd card supported	4	4	

(1) multiple card of the similar type

BVMS Operator Client WS Performance Live - Single



Workstation	Graphic cards	Description	25fps 480p (VGA / 2CIF) Balanced	30 fps @720p30 Balanced	60 fps @720p60 Balanced	30 fps @1080p30 Balanced	12 fps 5MP Balanced	4K 3840x2160B alanced
Z230 SFF	MHW-AWGC-K620	NVIDIA Quadro K620 (2 GB)	60	24	15	11	8	3
Z440 NG	MHW-AWGC-K620	NVIDIA Quadro K620 (2 GB)	60	27	15	12	10	4
	MHW-AWGC-K2200	NVIDIA Quadro K2200 (4 GB)	60	27	15	12	10	4
	MHW-AWGC-K4200	NVIDIA Quadro K4200 (4 GB)	60	27	15	12	10	4
	AMD FirePro W5100	AMD FirePro W5100 (4 GB)	80	27	15	12	10	4
	MHW-AWGC-M4000	NVIDIA Quadro M4000 (8GB)	90	27	15	12	12	5
Z440 EE	AMD FirePro W7100	AMD FirePro W7100 (8 GB)	120	34	20	16	13	5
DIP3000	Intel HD Graphics	onboard graphics	20	9	6	4	4	1
DIP7000	AMD FirePro V3900		30	11	7	6	4	2
Divar IP 7000 R2	AMD FirePro W4100		38	13	8	7	6	3

Max CPU Load: > 80% Max CPU Load DIP: > 80%

Attention: Since BVMS 5.0 the values have been measured with different settings than in previous versions. All measurements are now based on the default profile "Balanced".

BVMS Operator Client WS Performance Live - Dual



Workstation	Graphic cards	Description	25fps 480p (VGA / 4CIF) Balanced	30 fps @720p30 Balanced	60 fps @720p60 Balanced	30 fps @1080p30 Balanced	12 fps 5MP Balanced	4K 3840x2160B alanced
Z440 NG	2 x MHW-AWGC-K620	NVIDIA Quadro K620 (2 GB)	100	27	15	12	10	4
	2 x MHW-AWGC-K2200	NVIDIA Quadro K2200 (4 GB)	100	27	15	12	10	4

Max CPU Load: > 80%