



System 1 Servers and Accessories

Datasheet

Bently Nevada Machinery Management

133M3049 Rev. A

This datasheet contains ordering information for computers and related accessories that have been tested with System 1.



System Specifications and Recommendations

Standard Server	<p>Racks: Dual Intel Xeon 4208 8-core, 2.1GHz Processors, 16 cores total, 32 logical processors</p> <p>Towers: Dual Intel Xeon 4210 10-core, 2.2GHz Processors, 20 cores total, 40 logical processors</p> <p>64 GB RAM or above Operating System Hard Disk: RAID 1 & 300 GB – 10000 RPM Historian Hard Disk: RAID 5 – 10,000 RPM DVD-RW</p>
Light Server	<p>Rack: Single Intel Xeon 4208 8-core, 2.1GHz Processors, 8 cores total, 16 logical processors</p> <p>Tower: Single Intel Xeon 4210 10-core, 2.2GHz Processors, 10 cores total, 20 logical processors</p> <p>16 GB RAM or above Operating System Hard Disk: RAID 1 & 300 GB – 10,000 RPM Historian Hard Disk: RAID 5 & 1.2 TB– 10,000 RPM DVD-RW</p>
Workstation	<p>Intel Xeon W-2123 (3.6 GHz Processor)</p> <p>16 GB RAM or above 1 GB Graphics Card 1 TB Hard Drive – 7200 RPM DVD-RW</p>
Laptop	<p>i7 – 8850H (2.6 GHz Processor) 6 cores</p> <p>16 GB RAM or above HD Graphics Card 1 TB Hard Drive – 7200 RPM DVD-RW</p>
Virtualized Systems	<p>Refer to Virtualized Systems Technical White Paper, document number 125M6425.</p>
Network specification	<p>Minimum 100 Mbps recommended</p>
Supported Operating Systems	<p>Microsoft Windows 2019 Server Standard Edition 64 bit Microsoft Windows 2016 Server Standard Edition 64 bit Microsoft Windows 2012 Server R2 Standard Edition 64 bit Microsoft Windows 8.1 Professional 64 bit † Microsoft Windows 10 Professional 64 bit † (1809, 1903, 1909) † Recommended for Client</p>

System 1 Servers

3071/30 System Servers

A: Computers

00 None

Refer to table below

System Information Table

Type	BN Part #	OEM	Model	Processor	Disk 1 Space [GB]	Disk 2 Space [TB]	RAM [GB]	Server Datasheet
Standard Server Rack Mount	3071/30-A-01	HP	DL380 G10	4208 2.1 GHz	300 - RAID 1	2.4 - RAID 5	64	128M3395
	3071/30-A-02	Dell	R540	4208 2.1 GHz	300 - RAID 1	2.4 - RAID 5	64	128M3396
	3071/30-A-03	HP	DL380 G10	4208 2.1 GHz	300 - RAID 1	3.6 - RAID 5	64	110M2199
	3071/30-A-04	HP	DL380 G10	4208 2.1 GHz	300 - RAID 1	6.0 - RAID 5	64	110M2200
	3071/30-A-05	HP	DL380 G10	4208 2.1 GHz	300 - RAID 1	10.8 - RAID 5	64	110M2201
	3071/30-A-06	HP	DL380 G10	4208 2.1 GHz	300 - RAID 1	2.4 - RAID 6	64	128M3397
	3071/30-A-07	Dell	R540	4110 2.1 GHz	240 - RAID 1	6.0 - RAID 5	64	146M6615
	3071/30-A-08	Dell	R540	4110 2.1 GHz	240 - RAID 1	10.8 - RAID 5	64	146M6617
Standard Server Tower	3071/30-A-10	HP	ML350 G10	4210 2.2 GHz	300	2.4	64	128M3394
	3071/30-A-11	HP	ML350 G10	4210 2.2 GHz	300	3.6	64	110M2203
	3071/30-A-12	HP	ML350 G10	4210 2.2 GHz	300	6.0	64	110M2206
	3071/30-A-13	HP	ML350 G10	4210 2.2 GHz	300	10.8	64	110M2207
Light Server Rack Mount	3071/30-A-20	HP	DL380 G10	4208 2.1 GHz	300	1.2	16	110M2198
Light Server	3071/30-	HP	ML110	4210 2.2	300	1.2	16	110M2202

Type	BN Part #	OEM	Model	Processor	Disk 1 Space [GB]	Disk 2 Space [TB]	RAM [GB]	Server Datasheet
Tower	A-21		G10	GHz				
Workstation	3071/30-A-22	HP	HP Z4G4	W-2123 3.6 GHz	1000	-	32	02200478
Laptop	3071/30-A-23	HP	ZBOOK 15 G5	i7-8850 2.6 GHz	1000	-	16	169849

>>>Recommendations:	
Standard Server	Medium, large, or x-large Premium/ Advanced databases
>Light Server	Fundamental installation or small Premium/ Advanced database
Workstation	Fundamental installation or Premium/ Advanced Client machine
>Laptop	Fundamental installation

Computer Accessories

Category	Description	BN Part #
Keyboard(1)	Rack Mount Compact KB with touchpad	162543
	Rack Mount Integrated keyboard drawer	169403
Monitor	22" Flat Panel	165381
	24" Flat Panel	323597
	27" Flat Panel	123M4597
Printer	HP Printer 110V Color	162146
	HP Printer 220v Color	166432
Time Synch (2)	Domain Time II Client Software (one license)	165763
	Domain Time II Client SW & NTP Time Server Hardware	149M8143
	Replacement Antenna for NTP Time Server Hardware	123M4605
	PCI IRIG Time Code Receiver	167114
Tape Backup	HP LTO Tape Drive Tower	104M9891
	HP LTO Tape Drive Rack	104M9890

Category	Description	BN Part #
Remote Access	Parallels Remote App Server, 15 users + 5 years support	104M6973
	Microsoft RDS 5 CAL Packs	172067
International Power Cords	Brazil	285300
Network Switch	5 port unmanaged GB Ethernet switch w/ 2 fiber SFPs	103M2251P0036
	Sixnet Industrial Ethernet GB Fiber Transceiver (GSFIBER-SFP-10K)	103M2251P0037
Other	Belkin Gold Series USB 2.0 Cable	174013



(1)>Tower servers come with a keyboard. Rack Mount servers do not..>



(2)>Domain Time II Client SW & NTP Time Server Hardware is a combination of the Client Software, GPS Network Time Server and an Antenna.>

IN REVIEW

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