

Part Number	Description
Observer® Software	
Observer Standard	
OBSBASE14X	Observer BASE kit (For use with Right To Use (RTU) for Observer Standard, Expert or Suite)
OBS14XRTU	Observer Standard 14.x Right To Use license (Requires OBSBASE14X)
OBSMAINT	1 Year Observer Standard Maintenance Contract* - Includes upgrades and telephone support
OBSMAINT2	2 Year Observer Standard Maintenance Contract* - Includes upgrades and telephone support
OBS14XUPRTU	Observer Standard Upgrade to 14.x from any previous version (Requires OBSBASE14X)
Observer Expert	
EOBS14XRTU	Observer Expert 14.x RTU (requires OBSBASE14X - see above under Observer Standard)
EOBSMAINT	1 Year Observer Expert Maintenance Contract* - Includes upgrades and telephone support
EOBSMAINT2	2 Year Observer Expert Maintenance Contract* - Includes upgrades and telephone support
EOBS14XUPRTU	Observer Expert Upgrade to 14.x from any previous version Observer Expert (Requires OBSBASE14X)
EOBSXOBSRTU	Cross Platform Upgrade from Observer Standard to Observer Expert (Must be at current version of Observer Standard to purchase)
Observer Expert - Console Only (No Local Probe, Sold with Hardware Based Probes only)	
EOBS14X-CRTU	Observer Expert Console, No Local Probe, RTU (requires one OBSBASE14X - see above under Observer)
EOBS-CM	Observer Expert Console, Maintenance* - Includes upgrades and telephone support
EOBS14X-C5RTU	Observer Expert Console, No Local Probe, 5Pak RTU (requires one OBSBASE14X - see above under Observer)
EOBS-C5M	Observer Expert Console, 5Pak Maintenance* - Includes upgrades and telephone support
EOBS14X-C10RTU	Observer Expert Console, No Local Probe, 10Pak RTU (requires one OBSBASE14X - see above under Observer)
EOBS-C10M	Observer Expert Console, 10Pak Maintenance* - Includes upgrades and telephone support
EOBS14X-C50RTU	Observer Expert Console, No Local Probe, 50Pak RTU (requires one OBSBASE14X - see above under Observer)
EOBS-C50M	Observer Expert Console, 50Pak Maintenance* - Includes upgrades and telephone support
EOBS14XUP-CRTU	Observer Expert Console Upgrade to 14.x (from any previous version of Observer Expert Console, Requires one OBSBASE14X)
EOBS14XUP-C5RTU	Observer Expert Console Upgrade to 14.x (from any previous version of Observer Expert Console 5Pak, Requires one OBSBASE14X)
EOBS14XUP-C10RTU	Observer Expert Console Upgrade to 14.x (from any previous version of Observer Expert Console 10Pak, Requires one OBSBASE14X)
EOBS14XUP-C50RTU	Observer Expert Console Upgrade to 14.x (from any previous version of Observer Expert Console 50Pak, Requires one OBSBASE14X)
Observer Suite	
SOBS14XRTU	Observer Suite Right To Use license 14.x (requires OBSBASE14X - see above under Observer)
SOBSMAINT	1 Year Observer Suite Maintenance Contract* - Includes upgrades and telephone support
SOBSMAINT2	2 Year Observer Suite Maintenance Contract* - Includes upgrades and telephone support
SOBS14XUPRTU	Observer Suite Upgrade to 14.x from any previous version of Observer Suite (Requires OBSBASE14X)
SOBSXOBSRTU	Cross Platform Upgrade from Observer Standard to Observer Suite (must be at current version of Observer Standard to purchase)
SOBSXEBSRTU	Cross Platform Upgrade from Observer Expert to Observer Suite (must be at current version of Observer Expert to purchase)
Nortel UNISStim Enabler for Observer	
NUE14XRTU	Nortel UNISStim Enabler for Observer RTU (requires Observer Expert, Observer Suite or Expert Probe)
NUERTUM	1 Year Maintenance* Observers Nortel UNISStim Enabler Software, Includes free upgrades for one year, telephone support

* Available with original purchase or maintenance renewal only.

Part Number	Description
Observer Infrastructure	
OIA2X100	Observer Infrastructure Appliance, 100 Devices
OIA2X500	Observer Infrastructure Appliance, 500 Devices
OIA2XENT	Observer Infrastructure Appliance, Enterprise
OIA2X100-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Observer Infrastructure - 100: Depot Service Mpls, MN or London UK
OIA2X500-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Observer Infrastructure - 500: Depot Service Mpls, MN or London UK
OIA2XENT-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Observer Infrastructure - Enterprise : Depot Service Mpls, MN or London UK
OIBASE	Observer Infrastructure Base Kit
OI2XRTU100	Observer Infrastructure Software, 100 Devices (requires one OIBASE per RTU)
OI2XRTU500	Observer Infrastructure Software, 500 Devices (requires one OIBASE per RTU)
OI2X100-M	Software-Only Annual Maintenance* Observer Infrastructure, 100 Devices
OI2X500-M	Software-Only Annual Maintenance* Observer Infrastructure, 500 Devices
OI2XENT-M	Software-Only Annual Maintenance* Observer Infrastructure, Enterprise
OI2XUPRTU100	Observer Infrastructure Upgrade to version 2.x, 100 Devices, from any previous 100 Device version (requires one OIBASE per RTU)
OI2XUPRTU500	Observer Infrastructure Upgrade to version 2.x, 500 Devices, from any previous 500 Device version (requires one OIBASE per RTU)
OI2XUPRTUENT	Observer Infrastructure Upgrade to version 2.x, Enterprise, from any previous Unlimited Device version (requires one OIBASE per RTU)
OI2XRTU500X	Cross Platform Upgrade from Observer Infrastructure 100 to Observer Infrastructure 500 (must be at current version of Observer Infrastructure)

* Available with original purchase or maintenance renewal only.

Part Number	Description
Network Instruments Observer Reporting Server (ORS)	
ORSA14X	Observer Reporting Server Appliance
ORSA14X-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* - Observer Reporting Server Appliance: Depot Mpls, MN USA or London, UK
ORS14XM	Software-Only Annual Maintenance* Observer Reporting Server Software
ORSCA14X	Observer Reporting Server and Suite Appliance
ORSCA14X-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* - Observer Reporting & Suite Appliance: Depot Mpls, MN USA or London, UK
ORSCA14XM	Software-Only Annual Maintenance* Observer Reporting & Suite Appliance Software
ORCA14X	Observer Suite Appliance
ORCA14X-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* - Observer Suite Appliance: Depot Mpls, MN USA or London, UK
ORCA14X-M	Software-Only Annual Maintenance* Observer Suite Appliance Software
Network Instruments Management Server (NIMS)	
NIMS14X	Network Instruments Management Server, Centralized Probe Management for Enterprise Networks, Software Only
NIMS14XM	1 Year Software-Only Annual Maintenance* Contract for NIMS: Includes free upgrades for one year, telephone support.
NIMS14XM2	2 Year Software-Only Annual Maintenance* Contract for NIMS: Includes free upgrades for two years, telephone support.
NIMS14XRSO	Network Instruments Management Server, Redundant Server Option - (Requires NIMS14X)
NIMS14XRSO M	1 Year Software-Only Annual Maintenance* Contract for NIMS/Redundant Server Option: Includes free upgrades for one year, telephone support.
NIMS14XRSO M2	2 Year Software-Only Annual Maintenance* Contract for NIMS/Redundant Server Option: Includes free upgrades for two years, telephone support.
NIMSHA14X	Network Instruments Management Server, Centralized Probe Management for Enterprise Networks, Appliance & Software
NIMSHA14X-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* - Network Instruments Management Server, Centralized Probe Management for Enterprise Networks, Appliance
NIMSHA14XRSO	Network Instruments Management Server/Redundant Server Option, Centralized Probe Management for Enterprise Networks, Appliance & Software
NIMSHA14XRSO-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* - Network Instruments Management Server/Redundant Server Option, Centralized Probe Management for Enterprise Networks, Appliance
NIMS14XUP	Network Instruments Management Server - Software only upgrade
NIMS14XRSOUP	Network Instruments Management Server RSO - Software only upgrade

* Available with original purchase or maintenance renewal only.

Part Number	Description
Observer Software Probes	
Advanced Single Probe Software	
PRBBASE14X	Advanced Probe Base Kit (For use with RTU see below)
PRB14XRTU	Advanced Single-Probe RTU (requires PRBBASE14X)
PRB14XRTU5	Advanced Single-Probe RTU 5-Pack (requires PRBBASE14X)
PRB14XRTU10	Advanced Single-Probe RTU 10-Pack (requires PRBBASE14X)
PRB14XRTU25	Advanced Single-Probe RTU 25-Pack (requires PRBBASE14X)
PRBMAINT	Advanced Single-Probe Maintenance* - 1 Year
PRBMAINT2	Advanced Single-Probe Annual Maintenance* -2 Years
PRB5M	Advanced Single-Probe 5-Pack Annual Maintenance* -1 Year
PRB10M	Advanced Single-Probe 10-Pack Annual Maintenance* -1 Year
PRB25M	Advanced Single-Probe 25-Pack Annual Maintenance* -1 Year
PRBUPRTU	Advanced Single-Probe Upgrade RTU (Requires PRBBASE14X)
PRUP5RTU	Advanced Single-Probe Upgrade 5-Pack RTU (Requires PRBBASE14X)
PRBUP10RTU	Advanced Single-Probe Upgrade 10-Pack RTU (Requires PRBBASE14X)
PRBUP25RTU	Advanced Single-Probe Upgrade 25-Pack RTU (Requires PRBBASE14X)
Advanced Multi-Probe Software	
PRBBASE14X	Advanced Probe Base Kit (For use with RTU see below)
PM14XRTU	Advanced Multi-Probe RTU (Requires PRBBASE14X)
PM14XRTU5	Advanced Multi-Probe RTU 5-Pack (Requires PRBBASE14X)
PM14XRTU10	Advanced Multi-Probe RTU 10-Pack (Requires PRBBASE14X)
PM14XRTU25	Advanced Multi-Probe RTU 25-Pack (Requires PRBBASE14X)
PMMMAINT	Advanced Multi-Probe Maintenance Agreement* -1 Year
PMMMAINT2	Advanced Multi-Probe Maintenance Agreement* -2 Years
PM5M	Advanced Multi-Probe 5-Pack Maintenance* -1 Year
PM10M	Advanced Multi-Probe 10-Pack Maintenance* - 1 Year
PM25M	Advanced Multi-Probe 25-Pack Maintenance* - 1 Year
PMUPRTU	Advanced Multi-Probe Upgrade (Requires PRBBASE14X) (any previous version Advanced Multi-Probe, per Probe)
PMUP5RTU	Advanced Multi-Probe Upgrade RTU 5-Pack (Requires PRBBASE14X)
PMUP10RTU	Advanced Multi-Probe Upgrade RTU 10-Pack (Requires PRBBASE14X)
PMUP25RTU	Advanced Multi-Probe Upgrade RTU 25-Pack (Requires PRBBASE14X)
PMXPRBRTU	Cross Platform Upgrade from Advanced Single Probe to Advanced Multi-Probe (must be as current version of Advanced Single Probe to purchase)
Advanced Expert Probe Software	
PEBASE14X	Advanced Expert Probe Base Kit (For use with RTU see below)
PE14XRTU	Advanced Expert Probe RTU (Requires PEBASE14X)
PE14XRTU5	Advanced Expert Probe RTU 5-Pack (Requires PEBASE14X)
PE14XRTU10	Advanced Expert Probe RTU 10-Pack (Requires PEBASE14X)
PE14XRTU25	Advanced Expert Probe RTU 25-Pack (Requires PEBASE14X)
PEMAINT	Advanced Expert Probe Maintenance* -1 Year
PEMAINT2	Advanced Expert Probe Maintenance* -2 Year
PE5M	Advanced Expert Probe 5-Pack Maintenance* -1 Year
PE10M	Advanced Expert Probe 10-Pack Maintenance* -1 Year
PE25M	Advanced Expert Probe 25-Pack Maintenance* -1 Year
PEUPRTU	Advanced Expert Probe Upgrade RTU (Requires PEBASE14X) (any previous version Advanced Expert Probe, per Probe)
PEUP5RTU	Advanced Expert Probe Upgrade RTU 5-Pack (Requires PEBASE14X)
PEUP10RTU	Advanced Expert Probe Upgrade RTU 10-Pack (Requires PEBASE14X)
PEUP25RTU	Advanced Expert Probe Upgrade RTU 25-Pack (Requires PEBASE14X)
PEXPRBRTU	Cross Platform Upgrade from Advanced Single Probe to Advance Expert Probe(must be at current version of Advanced Single Probe to purchase)
PEXPMRTU	Cross Platform Upgrade from Advanced Multi-Probe to Advance Expert Probe(must be at current version of Advanced Single Probe to purchase)

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Part Number	Description
Ethernet Probe Appliance	
10/100/1000 Probe Appliance	
EPA1XS-14	Single Port 10/100/1000, Advanced Single-Probe Appliance
EPA1XS-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Advanced Single Probe, Single Port 10/100/1000 Probe Appliance, Depot Mpls, MN USA or London UK
EPA1FS-14	Single Port 1000, SX Fiber, Advanced Single-Probe Appliance
EPA1FS-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Advanced Single Probe, Single Port 1000 SX Fiber Probe Appliance, Depot Mpls, MN USA or London UK
EPA1XM-14	Single Port 10/100/1000, Advanced Multi-Probe Appliance
EPA1XM-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Advanced Multi-Probe, Single Port 10/100/1000 Probe Appliance, Depot Mpls, MN USA or London UK
EPA1FM-14	Single Port 1000, SX Fiber, Advanced Multi-Probe Appliance
EPA1FM-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Advanced Multi-Probe, Single Port 1000 SX Fiber Probe Appliance, Depot Mpls, MN USA or London UK
EPA2XM-14	Dual Port 10/100/1000 Advanced Multi-Probe Appliance
EPA2XM-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Advanced Multi-Probe, Dual Port 10/100/1000 Probe Appliance, Depot Mpls, MN USA or London UK
EPA2FM-14	Dual Port 1000, SX Fiber, Advanced Multi-Probe Appliance
EPA2FM-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Advanced Multi-Probe, Dual Port 1000 SX Fiber Probe Appliance, Depot Mpls, MN USA or London UK
EPA1XE-14	Single Port 10/100/1000, Advanced Expert Probe Appliance
EPA1XE-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Advanced Expert Probe, Single Port 10/100/1000 Probe Appliance, Depot Mpls, MN USA or London UK
EPA1FE-14	Single Port 1000, SX Fiber, Advanced Expert Probe Appliance
EPA1FE-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Advanced Expert Probe, Single Port 1000 SX Fiber Probe Appliance, Depot Mpls, MN USA or London UK
EPA2XE-14	Dual Port 10/100/1000, Advanced Expert Probe Appliance
EPA2XE-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Advanced Expert, Dual Port 10/100/1000 Probe Appliance, Depot Mpls, MN USA or London UK
EPA2FE-14	Dual Port 1000, SX Fiber, Advanced Expert Probe Appliance
EPA2FE-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Advanced Expert, Dual Port 1000 SX Fiber Probe Appliance, Depot Mpls, MN USA or London UK
EPA1XOS-14	Single Port 10/100/1000, Observer Suite Appliance
EPA1XOS-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Observer Suite Appliance, Single Port 10/100/1000 Probe Appliance, Depot Mpls, MN USA or London UK
EPA2XOS-14	Dual Port 10/100/1000, Observer Suite Appliance
EPA2XOS-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Observer Suite Appliance, Dual Port 10/100/1000 Probe Appliance, Depot Mpls, MN USA or London UK
EPAXXS-M	Annual Software only Maintenance* Advanced Single-Probe Appliance: Major, minor releases and telephone support included
EPAXXM-M	Annual Software only Maintenance*, Advanced Multi-Probe Appliance: Major, minor releases and telephone support included
EPAXXE-M	Annual Software only Maintenance*, Advanced Expert Probe Appliance: Major, minor releases and telephone support included
EPAXXOS-M	Annual Software only Maintenance*, Observer Suite Appliance: Major, minor releases and telephone support included
10/100 Probe Appliance	
EPAMP4E-14	4-Port 10/100 Probe Appliance, Advanced Multi-Probe (4U)
EPAMP4E-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Advanced Multi-Probe, 4 Port 10/100 Probe Appliance, Depot Mpls, MN USA or London UK
EPAEP4E-14	4-Port 10/100 Probe Appliance, Advanced Expert Probe (4U)
EPAEP4E-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Advanced Expert Probe, 4 Port 10/100 Probe Appliance, Depot Mpls, MN USA or London UK
EPAMP4E14XM	Annual Software only Maintenance* Advanced Multi-Probe: (4U) Major, minor releases and telephone support included
EPAEP4E14XM	Annual Software only Maintenance* Advanced Expert Probe: (4U) Major, minor releases and telephone support included
Full Duplex 10/100 Probe Appliance	
EPAFDE-14	Full Duplex 10/100 Probe Appliance , w/Expert Probe
EPAFDX-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Full Duplex 10/100 Probe Appliance, Depot Mpls, MN USA or London UK
EPAFDX-M	Annual Software only Maintenance* Full Duplex 10/100 Expert Probe: Major & minor releases, telephone support included

* Available with original purchase or maintenance renewal only.

Part Number	Description
Gigabit Products	
GigaStor	
GS2TESX1-14	GigaStor 2TE, One Link (2 Ports) SX, includes SFP's, no TAPs
GS2TELX1-14	GigaStor 2TE, One Link (2 Ports) LX, includes SFP's, no TAPs
GS2TETX1-14	GigaStor 2TE, One Link (2 Ports) TX, includes SFP's, no TAPs
GS2TEXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor 2TE One Link (2 Port) Depot Mpls, MN USA or London UK
GS2TESX2-14	GigaStor 2TE, Two Link (4 Ports) SX, includes SFP's, no TAPs
GS2TELX2-14	GigaStor 2TE, Two Link (4 Ports) LX, includes SFP's, no TAPs
GS2TETX2-14	GigaStor 2TE, Two Link (4 Ports) TX, includes SFP's, no TAPs
GS2TEXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor 2TE Two Link (4 Port) Depot Mpls, MN USA or London UK
GS4TSX1-14	GigaStor 4T, One Link (2 Ports) SX
GS4TLX1-14	GigaStor 4T, One Link (2 Ports) LX
GS4TTX1-14	GigaStor 4T, One Link (2 Ports) TX
GS4TXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor 4T One Link (2 Port) Depot Mpls, MN USA or London UK
GS4TSX2-14	GigaStor 4T, Two Link (4 Ports) SX
GS4TLX2-14	GigaStor 4T, Two Link (4 Ports) LX
GS4TTX2-14	GigaStor 4T, Two Link (4 Ports) TX
GS4TXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor 4T Two Link (4 Port) Depot Mpls, MN USA or London UK
GigaStor Upgradable - Requires Media Kit for each link (see below)	
GSU8T2L1-14	GigaStor-UP 8T, Two Link (4 Port)
GSU8T2L1-MW	Annual Support Service, GS-UP 8T Two Link (4 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GSU8T4L1-14	GigaStor-UP 8T, Four Link (8 Port)
GSU8T4L1-MW	Annual Support Service, GS-UP 8T Four Link (8 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GSU16T2L1-14	GigaStor-UP 16T, Two Link (4 Port)
GSU16T2L1-MW	Annual Support Service, GS-UP 16T Two Link (4 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GSU16T4L1-14	GigaStor-UP 16T, Four Link (8Port)
GSU16T4L1-MW	Annual Support Service, GS-UP 16T Four Link (8 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GSU24T2L1-14	GigaStor-UP 24T, Two Link (4Port)
GSU24T2L1-MW	Annual Support Service, GS-UP 24T Two Link (4 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GSU24T4L1-14	GigaStor-UP 24T Four Link (8 Port)
GSU24T4L1-MW	Annual Support Service, GS-UP 24T Four Link (8 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GSU8TUP1-14	8TB License and Storage Upgrade (1TB Drives for GSUxxxx1-xx)
GSU8TUP1-MW	Annual Support Service, 8TB Upgrade Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GSU16T2L2-14	GigaStor-UP 16T, Two Link (4 Port)
GSU16T2L2-MW	Annual Support Service, GS-UP 16T Two Link (4 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GSU16T4L2-14	GigaStor-UP 16T, Four Link (8 Port)
GSU16T4L2-MW	Annual Support Service, GS-UP 16T Four Link (8 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GSU32T2L2-14	GigaStor-UP 32T, Two Link (4Port)
GSU32T2L2-MW	Annual Support Service, GS-UP 32T Two Link (4 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GSU32T4L2-14	GigaStor-UP 32T, Four Link (8 Port)
GSU32T4L2-MW	Annual Support Service, GS-UP 32T Four Link (8 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GSU48T2L2-14	GigaStor-UP 48T, Two Link (4 Port)
GSU48T2L2-MW	Annual Support Service, GS-UP 48T Two Link (4 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GSU48T4L2-14	GigaStor-UP 48T, Four Link (8 Port)
GSU48T4L2-MW	Annual Support Service, GS-UP 48T Four Link (8 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GSU16TUP2-14	16TB License and Storage Upgrade (2TB Drives for GSUxxxx2-xx)
GSU16TUP2-MW	Annual Support Service, 16TB Upgrade Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GigaStor Expandable - Requires Media Kit for each link (see below)	
GSE48T2L2-14	GigaStor-EX 48T, Two Link (4 Port)
GSE48T2L2-MW	Annual Support Service, GS-EX48T Two Link (4 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GSE48T4L2-14	GigaStor-EX 48T, Four Link (8 Port)
GSE48T4L2-MW	Annual Support Service, GS-EX48T Four Link (8 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GSE96T2L2-14	GigaStor-EX 96T, Two Link (4 Port)

GSE96T2L2-MW	Annual Support Service, GS-EX96T Two Link (4 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GSE96T4L2-14	GigaStor-EX 96T, Four Link (8 Port)
GSE96T4L2-MW	Annual Support Service, GS-EX96T Four Link (8 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GSEB48TB	GigaStor-EX Expansion Chassis (48T Requires GSE48TxL2-xx or GS10E48TxL2 & new GigaStor License Key) 48T to 96T only
GSEB48TB-MW	Annual Support Service - 12 Months* GigaStor-EX Chassis Bay 48T, Depot Mpls, MN USA or London UK
Media Kits - Specify media for link(s) on GigaStor-UP/EX 1Gb	
1GB1LTX	TX Media Kit - One Link (2 Ports) Includes (2) SFP's, (1) TAP & Cables No charge when purchased with GigaStor-UP/EX
1GB1LSX-EU	SX Media Kit EU - One Link (2 Ports) Includes (2) SFP's, (1) TAP & Cables No charge when purchased with GigaStor-UP/EX
1GB2LSX-EU	SX Media Kit EU - Two Link (4 Ports) Includes (4) SFP's, (1) TAP & Cables No charge when purchased with GigaStor-UP/EX
1GB1LLX	LX Media Kit - One Link (2 Ports) Includes (2) SFP's, (1) TAP & Cables No charge when purchased with GigaStor-UP/EX
1GB2LLX	LX Media Kit - Two Link (4 Ports) Includes (4) SFP's, (1) TAP & Cables No charge when purchased with GigaStor-UP/EX
GigaStor Software Maintenance and Upgrades	
GSSO14UP	GigaStor Software Only Upgrade
GSSM	Software-Only Annual Maintenance* -GigaStor - Major, minor releases and telephone support included
GSES014UP	GigaStor-EX Software Only Upgrade
GSESM	Software-Only Annual Maintenance* -GigaStor-EX, Major, minor releases and telephone support included
Gigabit Probe Appliance	
GPSX1-14	Gigabit Probe Appliance, One Link (2 Ports) SX
GPLX1-14	Gigabit Probe Appliance, One Link (2 Ports) LX
GPTX1-14	Gigabit Probe Appliance, One Link (2 Ports) TX
GPXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Gigabit Probe Appliance, One Link (2 Ports) Depot Mpls, MN USA or London UK
GPSX2-14	Gigabit Probe Appliance, Two Link (4 Ports) SX
GPLX2-14	Gigabit Probe Appliance, Two Link (4 Ports) LX
GPTX2-14	Gigabit Probe Appliance, Two Link (4 Ports) TX
GPXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Gigabit Probe Appliance, Two Link (4 Ports) Depot Mpls, MN USA or London UK
GPSX4-14	Gigabit Probe Appliance, Four Link (8 Ports) SX
GPLX4-14	Gigabit Probe Appliance, Four Link (8 Ports) LX
GPTX4-14	Gigabit Probe Appliance, Four Link (8 Ports) TX
GPXX4-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Gigabit Probe Appliance, Four Link (8 Ports) Depot Mpls, MN USA or London UK
GPSO14UP	Gigabit/WAN Probe Software Only Upgrade (from any previous Gig/WAN Probe)
GPSM	Software-Only Annual Maintenance* -Gigabit Probe Appliance - Major, minor releases and telephone support included
Gigabit Portable (GOSS)	
GOSX1-14	Gigabit Portable, One Link (2 Ports) SX
GOLX1-14	Gigabit Portable, One Link (2 Ports) LX
GOTX1-14	Gigabit Portable, One Link (2 Ports) TX
GOXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Gigabit Portable One Link (2 Ports) Depot Mpls, MN USA or London UK
GOSX2-14	Gigabit Portable, Two Link (4 Ports) SX
GOLX2-14	Gigabit Portable, Two Link (4 Ports) LX
GOTX2-14	Gigabit Portable, Two Link (4 Ports) TX
GOXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Gigabit Portable Two Link (4 Port) Depot Mpls, MN USA or London UK
GOSX4-14	Gigabit Portable, Four Link (8 Ports) SX
GOLX4-14	Gigabit Portable, Four Link (8 Ports) LX
GOTX4-14	Gigabit Portable, Four Link (8 Ports) TX
GOXX4-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Gigabit Portable Four Link (8 Port) Depot Mpls, MN USA or London UK
GWSO14UP	Gigabit/WAN Portable Software Only Upgrade (from any previous Gig/WAN Observer Suite System version)
GWSOMNS	Software Only Annual Maintenance* -Gigabit/WAN Portable - Major, minor releases and telephone support included
GigaStor Portable	
GSP2TSX1-14	GigaStor Portable 2T, One Link (2 Ports) SX
GSP2TLX1-14	GigaStor Portable 2T, One Link (2 Ports) LX
GSP2TTX1-14	GigaStor Portable 2T, One Link (2 Ports) TX
GSP2TXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor Portable, One Link (2 Ports) Depot Mpls, MN USA or London, UK
GSP2TSX2-14	GigaStor Portable 2T, Two Link (4 Ports) SX
GSP2TLX2-14	GigaStor Portable 2T, Two Link (4 Ports) LX
GSP2TTX2-14	GigaStor Portable 2T, Two Link (4 Ports) TX
GSP2TXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor Portable, Two Link (4 Port) Depot Mpls, MN USA or London UK

GSP2TSX4-14	GigaStor Portable 2T, Four Link (8 Ports) SX
GSP2TLX4-14	GigaStor Portable 2T, Four Link (8 Ports) LX
GSP2TTX4-14	GigaStor Portable 2T, Four Link (8 Ports) TX
GSP2TX4-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor Portable, Four Link (8 Port) Depot Mpls, MN USA or London, UK
GSP4TSX1-14	GigaStor Portable 4T, One Link (2 Ports) SX
GSP4TLX1-14	GigaStor Portable 4T, One Link (2 Ports) LX
GSP4TTX1-14	GigaStor Portable 4T, One Link (2 Ports) TX
GSP4TX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor Portable 4T, One Link (2 Ports) Depot Mpls, MN USA or London, UK
GSP4TSX2-14	GigaStor Portable 4T, Two Link (4 Ports) SX
GSP4TLX2-14	GigaStor Portable 4T, Two Link (4 Ports) LX
GSP4TTX2-14	GigaStor Portable 4T, Two Link (4 Ports) TX
GSP4TX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor Portable 4T, Two Link (4 Port) Depot Mpls, MN USA or London, UK
GSP4TSX4-14	GigaStor Portable 4T, Four Link (8 Ports) SX
GSP4TLX4-14	GigaStor Portable 4T, Four Link (8 Ports) LX
GSP4TTX4-14	GigaStor Portable 4T, Four Link (8 Ports) TX
GSP4TX4-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor Portable 4T, Four Link (8 Port) Depot Mpls, MN USA or London, UK
GSPSO14UP	GigaStor Portable Software Only Upgrade
GSPSM	Software-Only Annual Maintenance* -GigaStor Portable - Major, minor releases and telephone support included

GigaStor Expandable Expansion Chassis

GSEB16TB	GigaStor-EX Expansion Chassis 16T (16 * 1TB Drives) Requires new GigaStor License Key
GSEB16TB-MW	Annual Support Service - 12 Months* GigaStor-EX Chassis Bay 16T, Depot Mpls, MN USA or London, UK
GSEB32TB	GigaStor-EX Expansion Chassis 32T (16 * 2TB Drives) Requires new GigaStor License Key
GSEB32TB-MW	Annual Support Service - 12 Months* GigaStor-EX Chassis Bay 32T, Depot Mpls, MN USA or London, UK

GigaStor SAS

GSSA48T2L2-14	GigaStor-SAS 48T, Two Link (4 Ports) Requires Media Kits
GSSA48T2L2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor-SAS 48T Two Link (4 Port) Depot Mpls, MN USA or London, UK
GSSA48T2L2-14	GigaStor-SAS 48T, Four Link (8 Ports) Requires Media Kits
GSSA48T2L2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor-SAS 32T Four Link (8 Port) Depot Mpls, MN USA or London, UK
GSSASM	Software-Only Annual Maintenance* -GigaStor-SAS, Major, minor releases and telephone support included

GigaStor SAS Expansion Chassis

GSSAB48TB	GigaStor-SAS Expansion Chassis 48T (24 * 2TB Drives) Requires new GigaStor License Key
GSSAB48TB-MW	Annual Support Service - 12 Months* GigaStor-SAS Chassis Bay 16T, Depot Mpls, MN USA or London, UK

GigaStor SAN

GSSNSX2-14	GigaStor SAN, Two Link (4 Ports) SX
GSSNLX2-14	GigaStor SAN, Two Link (4 Ports) LX
GSSNTX2-14	GigaStor SAN, Two Link (4 Ports) TX
GSSNXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor SAN Two Link (4 Port) Depot Mpls, MN USA or London UK
GSSNSX4-14	GigaStor SAN, Four Link (8 Ports) SX
GSSNLX4-14	GigaStor SAN, Four Link (8 Ports) LX
GSSNTX4-14	GigaStor SAN, Four Link (8Ports) TX
GSSNXX4-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor SAN Four Link (8 Port) Depot Mpls, MN USA or London UK

* Available with original purchase or maintenance renewal only.

Part Number	Description
10 Gb Products	
10Gb GigaStor	
GS104TSR1-14	GigaStor-10Gb 4T One Link (2 Ports) SR
GS104TLR1-14	GigaStor-10Gb 4T One Link (2 Ports) LR
GS104TXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor-10Gb 4T One Link (2 Port) Depot Mpls, MN USA or London, UK
GigaStor Upgradable 10Gb - Requires one Media Kit for each link (see below)	
GS10U8T1L1-14	GigaStor-UP 10Gb 8T, One Link (2 Port)
GS10U8T1L1-MW	Annual Support Service, GS-UP 10Gb 8T One Link (2 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GS10U8T2L1-14	GigaStor-UP 10Gb 8T, Two Link (4 Port)
GS10U8T2L1-MW	Annual Support Service, GS-UP 10Gb 8T Two Link (4 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GS10U16T1L1-14	GigaStor-UP 10Gb 16T, One Link (2 Port)
GS10U16T1L1-MW	Annual Support Service, GS-UP 10Gb 16T One Link (2 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GS10U16T2L1-14	GigaStor-UP 10Gb 16T, Two Link (4 Port)
GS10U16T2L1-MW	Annual Support Service, GS-UP 10Gb 16T Two Link (4 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GS10U24T1L1-14	GigaStor-UP 10Gb 24T, One Link (2Port)
GS10U24T1L1-MW	Annual Support Service, GS-UP 10Gb 24T One Link (2 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GS10U24T2L1-14	GigaStor-UP 10Gb 24T Two Link (4 Port)
GS10U24T2L1-MW	Annual Support Service, GS-UP 10Gb 24T Two Link (4 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GS10U8TUP1-14	8TB License and Storage Upgrade (1TB Drives for GS10Uxxxx1-xx)
GS10U8TUP1-MW	Annual Support Service, 8TB Upgrade Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GS10U16T1L2-14	GigaStor-UP 10Gb 16T, One Link (2 Port)
GS10U16T1L2-MW	Annual Support Service, GS-UP 10Gb 16T One Link (2 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GS10U16T2L2-14	GigaStor-UP 10Gb 16T, Two Link (4 Port)
GS10U16T2L2-MW	Annual Support Service, GS-UP 10Gb 16T Two Link (4 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GS10U32T1L2-14	GigaStor-UP 10Gb 32T, One Link (2 Port)
GS10U32T1L2-MW	Annual Support Service, GS-UP 10Gb 32T One Link (2 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GS10U32T2L2-14	GigaStor-UP 10Gb 32T, Two Link (4 Port)
GS10U32T2L2-MW	Annual Support Service, GS-UP 10Gb 32T Two Link (4 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GS10U48T1L2-14	GigaStor-UP 10Gb 48T, One Link (2 Port)
GS10U48T1L2-MW	Annual Support Service, GS-UP 10Gb 48T One Link (2 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GS10U48T2L2-14	GigaStor-UP 10Gb 48T, Two Link (4 Port)
GS10U48T2L2-MW	Annual Support Service, GS-UP 10Gb 48T Two Link (4 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GS10U16TUP2-14	16TB License and Storage Upgrade (2TB Drives for GSU10xxxx2-xx)
GS10U16TUP2-MW	Annual Support Service, 16TB Upgrade Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GigaStor Expandable 10Gb - Requires one Media Kit for each link (see below)	
GS10E48T1L2-14	GigaStor-EX 10Gb 48T, One Link (2 Port)
GS10E48T1L2-MW	Annual Support Service, GS-EX 10Gb 48T One Link (2 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GS10E48T2L2-14	GigaStor-EX 10Gb 48T, Two Link (4 Port)
GS10E48T2L2-MW	Annual Support Service, GS-EX 10Gb 48T Two Link (4 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GS10E96T1L2-14	GigaStor-EX 10Gb 96T, One Link (2 Port)
GS10E96T1L2-MW	Annual Support Service, GS-EX 10Gb 96T One Link (2 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
GS10E96T2L2-14	GigaStor-EX 10Gb 96T, Two Link (4 Port)
GS10E96T2L2-MW	Annual Support Service, GS-EX 10Gb 96T Two Link (4 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
Note:	48T to 96T Upgrade is listed under the 1Gb Expandables
GS10E192T1L2-14	GigaStor-WS 10Gb 192T, One Link (2 Port)
GS10E192T1L2-MW	Annual Support Service, GS-WS 10Gb 192T One Link (2 Port) Software Maintenance and Hardware Warranty, 12 Months, Depot Mpls USA or London UK
Media Kits - Specify media for link(s) on GigaStor-UP/EX 10Gb	
10GB1LSR	SR Media Kit - One Link (2 Ports) Includes (2) XFP's, (1) TAP & Cables No charge when purchased with GigaStor-UP/EX 10Gb
10GB2LSR	SR Media Kit - Two Link (4 Ports) Includes (4) XFP's, (1) TAP & Cables No charge when purchased with GigaStor-UP/EX 10Gb
10GB1LLR	LR Media Kit - One Link (2 Ports) Includes (2) XFP's, (1) TAP & Cables No charge when purchased with GigaStor-UP/EX 10Gb

10GB2LLR	LR Media Kit - Two Link (4 Ports) Includes (4) XFP's, (1) TAP & Cables No charge when purchased with GigaStor-UP/EX 10Gb
10Gb GigaStor Software Maintenance and Upgrades	
GS10SO14UP	GigaStor 10Gb Software Only Upgrade
GS10SM	Software-Only Annual Maintenance - GigaStor-10Gb - Major, minor releases and telephone support included
GS10ESO14UP	GigaStor-EX 10Gb Software Only Upgrade
GS10ESM	Software-Only Annual Maintenance* - GigaStor-EX 10Gb - Major, minor releases and telephone support included
10Gb Probe Appliance	
GP10SR1-14	10 Gb Probe Appliance, One Link (2 Ports) SR
GP10LR1-14	10 Gb Probe Appliance, One Link (2 Ports) LR
GP10XX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* 10 Gb Probe Appliance, One Link (2 Ports) Depot Mpls, MN USA or London, UK
GP10SR2-14	10 Gb Probe Appliance, Two Link (4 Ports) SR
GP10LR2-14	10 Gb Probe Appliance, Two Link (4 Ports) LR
GP10XX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* 10 Gb Probe Appliance, Two (4 Ports) Depot Mpls, MN USA or London UK
GP10SM	Software-Only Annual Maintenance* -10Gb Gigabit Probe Appliance - Major, minor releases and telephone support included
10Gb Portable (GOSS)	
GO10SR1-14	10 Gb Portable, One Link (2 Ports) SR
GO10LR1-14	10 Gb Portable, One Link (2 Ports) LR
GO10XX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty*-10 Gb Portable One Link (2 Ports) Depot Mpls, MN USA or London, UK
GO10SM	Software Only Annual Maintenance - 10 Gb Portable - Major, minor releases and telephone support included
10Gb GigaStor Portable	
GSP102TSR1-14	GigaStor Portable 10Gb, 2T, One Link (2 Ports) SR
GSP102TLR1-14	GigaStor Portable 10Gb, 2T, One Link (2 Ports) LR
GSP102TXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* -GigaStor Portable 10Gb, 2T, One Link (2 Ports) Depot Mpls, MN USA or London, UK
GSP104TSR1-14	GigaStor Portable 10Gb, 4T, One Link (2 Ports) SR
GSP104TLR1-14	GigaStor Portable 10Gb, 4T, One Link (2 Ports) LR
GSP104TXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* -GigaStor Portable 10Gb, 4T, One Link (2 Ports) Depot Mpls, MN USA or London, UK
GSP10SO14UP	GigaStor Portable 10Gb Software Only Upgrade
GSP10SM	Software-Only Annual Maintenance - GigaStor Portable 10Gb - Major, minor releases and telephone support included
10Gb GigaStor SAS (Expansion Chassis are listed with 1GB SAS systems)	
GS10SA48T1L2-14	GigaStor-SAS 10Gb 48T One Link (2 Ports) Requires Media Kit
GS10SA48T1L2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor-SAS 10Gb 48T One Link (2 Port) Depot Mpls, MN USA or London, UK
GS10SASM	Software-Only Annual Maintenance* - GigaStor-SAS 10Gb - Major, minor releases and telephone support included
10Gb GigaStor SAN	
GS10SNSR1-14	GigaStor-10Gb SAN, One Link (2 Ports) SR
GS10SNLR1-14	GigaStor-10Gb SAN, One Link (2 Ports) LR
GS10SNXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor-10Gb SAN One Link (2 Port) Depot Mpls, MN USA or London, UK

* Available with original purchase or maintenance renewal only.

Part Number	Description
WAN Products	
WAN Probe Appliance	
WRAK14X1S2V	WAN Rack-Mountable Probe - T1/E1 / Serial / 2-Port / V.35
WRAK14X1S22	WAN Rack-Mountable Probe - T1/E1 / Serial / 2-Port / RS232/EIA530/V.24
WRAK14X1S24	WAN Rack-Mountable Probe - T1/E1 / Serial / 2-Port / RS449
WRAK14X1S2X	WAN Rack-Mountable Probe - T1/E1 / Serial / 2-Port / X.21/V.11/RS422
WRAKX1S2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* T1/E1 / Serial / 2 Port Rack-Mount Probe: Depot Mpls, MN USA or London, UK
WRAK14T1D2T	WAN Rack-Mountable Probe - T1 / Digital / 2-Port
WRAK14E1D2T	WAN Rack-Mountable Probe - E1 / Digital / 2-Port
WRAKX1D2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* - T1/E1 / Digital / 2 Port Rack-Mount Probe: Depot Mpls, MN USA or London, UK
WRAK14T1D4T	WAN Rack-Mountable Probe - T1 / Digital / 4-Port
WRAK14E1D4T	WAN Rack-Mountable Probe - E1 / Digital / 4-Port
WRAKX1D4-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty*- T1/E1 / Digital / 4 Port Rack-Mount Probe: Depot Mpls, MN USA or London, UK
WRAK14X3S1H	WAN Rack-Mountable Probe - HSSI / Serial / 1 Port
WRAKX3S1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* - HSSI / Serial / 1 Port Rack-Mount Probe: Depot Mpls, MN USA or London, UK
WRAK14T3D1C	WAN Rack-Mountable Probe - DS3 / Digital / 1-Port / Coax
WRAK14E3D1C	WAN Rack-Mountable Probe - E3 / Digital / 1-Port / Coax
WRAKX3D1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* - DS3/E3 / Digital / 1 Port Rack-Mount Probe: Depot Mpls, MN USA or London, UK
WPSO14UP	WAN Probe Software Only Upgrade (from any previous WAN Probe)
WPSOM	Annual Software Maintenance* WAN Probe - Major, minor releases and telephone support included
WAN Portable	
WOSS14X1S2V	WAN Portable - T1/E1 / Serial / 2-Port / V.35
WOSS14X1S22	WAN Portable- T1/E1 / Serial / 2-Port / RS232/EIA530/V.24
WOSS14X1S24	WAN Portable - T1/E1 / Serial / 2-Port / RS449
WOSS14X1S2X	WAN Portable - T1/E1 / Serial / 2-Port / X.21/V.11/RS422
WOSSX1S2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* -T1/E1 / Serial / 2 Port : Depot Mpls, MN USA or London, UK
WOSS14T1D2T	WAN Portable - T1 / Digital / 2-Port
WOSS14E1D2T	WAN Portable - E1 / Digital / 2-Port
WOSSX1D2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* - T1/E1 / Digital / 2 Port : Depot Mpls, MN USA or London, UK
WOSS14T1D4T	WAN Portable - T1 / Digital / 4-Port
WOSS14E1D4T	WAN Portable - E1 / Digital / 4-Port
WOSSX1D4-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* - T1/E1 / Digital / 4 Port : Depot Mpls, MN USA or London, UK
WOSS14X3S1H	WAN Portable - HSSI / Serial / 1-Port
WOSSX3S1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* - HSSI / Serial / 1 Port: Depot Mpls, MN USA or London, UK
WOSS14T3D1C	WAN Portable - DS3 / Digital / 1-Port / Coax
WOSS14E3D1C	WAN Portable - E3 / Digital / 1-Port / Coax
WOSSX3D1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* - DS3/E3 / Digital / 1 Port: Depot Mpls, MN USA or London, UK
GWSO14UP	Gigabit/WAN Portable Software Only Upgrade (from any previous Gig/WAN Suite System version)
GWSOMNS	Software Only Annual Maintenance* -Gigabit/WAN Portable - Major, minor releases and telephone support included
GigaStor-WAN	
GS4TX1S2V-14	GigaStor-T1/E1 4T, T1/E1 / Serial / 2-Port / V.35
GS4TX1S22-14	GigaStor-T1/E1 4T, T1/E1 / Serial / 2-Port / RS232/EIA530/V.24
GS4TX1S24-14	GigaStor-T1/E1 4T, T1/E1 / Serial / 2-Port / RS449
GS4TX1S2X-14	GigaStor-T1/E1 4T, T1/E1 / Serial / 2-Port / X.21/V.11/RS422
GS4TX1S2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor -T1/E1 4T, Serial 2-Port: Depot Mpls, MN USA or London, UK
GS4TT1D2T-14	GigaStor-T1 4T, T1 / Digital / 2-Port
GS4TE1D2T-14	GigaStor-E1 4T, E1 / Digital / 2-Port
GS4TX1D2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor-T1/E1 4T, Digital 2 Ports: Depot Mpls, MN USA or London, UK
GS4TT1D4T-14	GigaStor-T1 4T, T1 / Digital / 4-Port
GS4TE1D4T-14	GigaStor-E1 4T, E1 / Digital / 4-Port
GS4TX1D4-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor-T1/E1 4T, Digital 4 Ports: Depot Mpls, MN USA or London, UK
GS4TX3S1H-14	GigaStor-HSSI 4T, HSSI / Serial / 1-Port
GS4TX3S1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor-HSSI 4T, HSSI 1 Port: Depot Mpls, MN USA or London, UK
GS4TT3D1C-14	GigaStor-DS3 4T ,DS3 / Digital / 1-Port / Coax
GS4TE3D1C-14	GigaStor-E3 4T, E3 / Digital / 1-Port / Coax

GS4TX3D1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor-DS3/E3 4T, Digital 1 Port: Depot Mpls, MN USA or London, UK
GSSM	Software-Only Annual Maintenance* -GigaStor - Major, minor releases and telephone support included
WAN Additional Port Options	
WADDX1S2V	WAN Additional Port Option - T1/E1 / Serial / 2-Port / V.35
WADDX1S22	WAN Additional Port Option - T1/E1 / Serial / 2-Port / RS232/EIA530/V.24
WADDX1S24	WAN Additional Port Option - T1/E1 / Serial / 2-Port / RS449
WADDX1S2X	WAN Additional Port Option - T1/E1 / Serial / 2-Port / X.21/V.11/RS422
WADDX1S2W	Annual Hardware WAN Warranty* - T1/E1 / Serial Additional 2-Port: Depot Mpls, MN USA or London, UK
WADDT1D2T	WAN Additional Ports Option - T1 / Digital / 2-Port
WADDE1D2T	WAN Additional Ports Option - E1 / Digital / 2-Port
WADDX1D2W	Annual Hardware WAN Warranty* - T1/E1 / Digital Additional 2 Ports: Depot Mpls, MN USA or London, UK
WADDT1D4T	WAN Additional Ports Option - T1 / Digital / 4-Port
WADDE1D4T	WAN Additional Ports Option - E1 / Digital / 4-Port
WADDX1D4W	Annual Hardware WAN Warranty* - T1/E1/ Digital Additional 4 Ports: Depot Mpls, MN USA or London, UK
WADDX3S1H	WAN Additional Port Option - HSSI / Serial / 1-Port
WADDX3S1W	Annual Hardware WAN Warranty* - HSSI / Serial Additional 1 Port: Depot Mpls, MN USA or London, UK
WADDT3D1C	WAN Additional Port Option - DS3 / Digital / 1-Port / Coax
WADDE3D1C	WAN Additional Port Option - E3 / Digital / 1-Port / Coax
WADDX3D1W	Annual Hardware WAN Warranty* - DS3/E3 / Digital Additional 1 Port: Depot Mpls, MN USA or London, UK
WAN Cables and TAPs	
WCV35	V.35 WAN Y-Cable
WCX21	X.21 WAN Y-Cable
WX232/530	RS232/EIA530/V.24 WAN Y-Cable
WCRS449	RS449 WAN Y-Cable
ZWTT1E1D	T1/E1 Digital 2-port TAP
ZWT1E1CAB	T1/E1 Digital 2-port TAP Cable (analyzer to TAP)
ZWSHSSICAB	HSSI WAN Y-Cable (requires ZWTSH1 see below)
ZWTSH1	HSSI, Serial TAP, 1-Port

* Available with original purchase or maintenance renewal only.

Part Number	Description
OC 3c/12c Packet over SONET(POS)/SDH Products	
OC-3c/12c POS Probes	
OCPSX1-14	OC-3c/12c Probe Appliance, One Link, Multimode, SX, POS
OCPLX1-14	OC-3c/12c Probe Appliance, One Link, Single mode, LX, POS
OCPPX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* OC-3c/12c POS Probe Appliance, One Link, Depot Mpls, MN USA or London, UK
OCPSX2-14	OC-3c/12c Probe Appliance, Two Links, Multimode, SX, POS
OCPLX2-14	OC-3c/12c Probe Appliance, Two Links, Single mode, LX, POS
OCPPX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* OC-3c/12c POS Probe Appliance, Two Link, Depot Mpls, MN USA or London, UK
OCPSO14UP	OC-3c/12c Probe Software Only Upgrade (from any previous OC-3c/12c Probe)
OCPSM	Software-Only Annual Maintenance* -OC-3c/12c Probe Appliance - Major, minor releases and telephone support included
OC-3c/12c POS Portable	
OCOSSX1-14	OC-3c/12c Portable, One Link, Multimode, SX, POS
OCOSLX1-14	OC-3c/12c Portable, One Link, Single mode, LX, POS
OCOSXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* -OC-3c/12c POS Portable One Link, Depot Mpls, MN USA or London, UK
OCOSSX2-14	OC-3c/12c Portable, Two Link, Multimode, SX, POS
OCOSLX2-14	OC-3c/12c Portable, Two Link, Single mode, LX, POS
OCOSXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* OC-3c/12c POS Portable Two Link, Depot Mpls, MN USA or London, UK
OCOS14UP	OC-3c/12c Portable Software Only Upgrade (from any previous OC-3c/12c Observer Suite System version)
OCOSSM	Software Only Annual Maintenance* -OC-3c/12c Portable - Major, minor releases and telephone support included
OC-3c/12c POS GigaStor	
GSOC2TESX1-14	GigaStor OC-3c/12c 2TE, One Link, Multimode, SX, POS
GSOC2TELX1-14	GigaStor OC-3c/12c 2TE, One Link, Single mode, LX, POS
GSOC2TEXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor OC-3c/12c POS 2TE One Link, Depot Mpls, MN USA or London, UK
GSOC2TESX2-14	GigaStor OC-3c/12c 2TE, Two Link, Multimode, SX, POS
GSOC2TELX2-14	GigaStor OC-3c/12c 2TE, Two Link, Single mode, LX, POS
GSOC2TEXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor OC-3c/12c POS 2TE Two Link, Depot Mpls, MN USA or London UK
GSOC4TSX1-14	GigaStor OC-3c/12c 4T, One Link, Multimode, SX, POS
GSOC4TLX1-14	GigaStor OC-3c/12c 4T, One Link, Single mode, LX, POS
GSOC4TXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor OC-3c/12c POS 4T One Link, Depot Mpls, MN USA or London, UK
GSOC4TSX2-14	GigaStor OC-3c/12c 4T, Two Link, Multimode, SX, POS
GSOC4TLX2-14	GigaStor OC-3c/12c 4T, Two Link, Single mode, LX, POS
GSOC4TXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor OC-3c/12c POS 4T Two Link, Depot Mpls, MN USA or London, UK
GSOCOS14UP	GigaStor OC-3c/12c Software Only Upgrade
GSOCISM	Software-Only Annual Maintenance* -GigaStor OC-3c/12c - Major, minor releases and telephone support included
OC-3c/12c POS GigaStor Portable	
GSPOC2TSX1-14	GigaStor Portable OC-3c/12c 2T, One Link, Multimode, SX, POS
GSPOC2TLX1-14	GigaStor Portable OC-3c/12c 2T, One Link, Single mode, LX, POS
GSPOC2TXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* -GigaStor Portable OC-3c/12c POS 2T, One Link, Depot Mpls, MN USA or London, UK
GSPOC2TSX2-14	GigaStor Portable OC-3c/12c 2T, Two Link, Multimode, SX, POS
GSPOC2TLX2-14	GigaStor Portable OC-3c/12c 2T, Two Link, Single mode, LX, POS
GSPOC2TXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor Portable OC-3c/12c POS 2T Two Link, Depot Mpls, MN USA or London, UK
GSPOC4TSX1-14	GigaStor Portable OC-3c/12c 4T, One Link, Multimode, SX, POS
GSPOC4TLX1-14	GigaStor Portable OC-3c/12c 4T, One Link, Single mode, LX, POS
GSPOC4TXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* -GigaStor Portable OC-3c/12c POS 4T, One Link, Depot Mpls, MN USA or London, UK
GSPOC4TSX2-14	GigaStor Portable OC-3c/12c 4T, Two Link, Multimode, SX, POS
GSPOC4TLX2-14	GigaStor Portable OC-3c/12c 4T, Two Link, Single mode, LX, POS
GSPOC4TXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor Portable OC-3c/12c POS 4T Two Link, Depot Mpls, MN USA or London, UK
GSPOCSO14UP	GigaStor Portable OC-3c/12c Software Only Upgrade
GSPOCSM	Software-Only Annual Maintenance* -GigaStor Portable OC-3c/12c - Major, minor releases and telephone support included
OC-3c/12c POS GigaStor SAN	
GSOCNSX1-14	GigaStor OC-3c/12c SAN, One Link, Multimode, SX, POS
GSOCNLX1-14	GigaStor OC-3c/12c SAN, One Link, Single mode, LX, POS
GSOCNSXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor OC-3c/12c SAN One Link, Depot Mpls, MN USA or London UK
GSOCNSX2-14	GigaStor OC-3c/12c SAN, Two Link, Multimode, SX, POS

GSOCNLX2-14	GigaStor OC-3c/12c SAN, Two Link, Single mode, LX, POS
GSOCNXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor OC-3c/12c SAN Two Link, Depot Mpls, MN USA or London, UK
OC 3c/12c - ATM Products	
OC-3c/12c ATM Probes	
OCPASX1-14	OC-3c/12c Probe Appliance, One Link, Multimode, SX, ATM
OCPALX1-14	OC-3c/12c Probe Appliance, One Link, Single mode, LX, ATM
OCPAXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* OC-3c/12c ATM Probe Appliance, One Link Depot Mpls, MN USA or London, UK
OCPASX2-14	OC-3c/12c Probe Appliance, Two Links, Multimode, SX, ATM
OCPALX2-14	OC-3c/12c Probe Appliance, Two Links, Single mode, LX, ATM
OCPAXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* OC-3c/12c ATM Probe Appliance, Two Links, Depot Mpls, MN USA or London, UK
OCPSO14UP	OC-3c/12c Probe Software Only Upgrade (from any previous OC-3c/12c Probe)
OCPSM	Software-Only Annual Maintenance* -OC-3c/12c Probe Appliance - Major, minor releases and telephone support included
OC-3c/12c ATM Portable	
OCOSASX1-14	OC-3c/12c Portable, One Link, Multimode, SX, ATM
OCOSALX1-14	OC-3c/12c Portable, One Link, Single mode, LX, ATM
OCOSAXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* -OC-3c/12c ATM Portable One Link, Depot Mpls, MN USA or London, UK
OCOSASX2-14	OC-3c/12c Portable, Two Link, Multimode, SX, ATM
OCOSALX2-14	OC-3c/12c Portable, Two Link, Single mode, LX, ATM
OCOSAXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* OC-3c/12c ATM Portable Two Link, Depot Mpls, MN USA or London, UK
OCISO14UP	OC-3c/12c Portable Software Only Upgrade (from any previous OC-3c/12c Observer Suite System version)
OCOSSM	Software Only Annual Maintenance* -OC-3c/12c Portable - Major, minor releases and telephone support included
OC-3c/12c ATM GigaStor	
GSOCA2TESX1-14	GigaStor OC-3c/12c 2TE, One Link, Multimode, SX, ATM
GSOCA2TELX1-14	GigaStor OC-3c/12c 2TE, One Link, Single mode, LX, ATM
GSOCA2TEXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor OC-3c/12c ATM 2TE One Link, Depot Mpls, MN USA or London, UK
GSOCA2TESX2-14	GigaStor OC-3c/12c 2TE, Two Link, Multimode, SX, ATM
GSOCA2TELX2-14	GigaStor OC-3c/12c 2TE, Two Link, Single mode, LX, ATM
GSOCA2TEXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor OC-3c/12c ATM 2TE Two Link, Depot Mpls, MN USA or London, UK
GSOCA4TSX1-14	GigaStor OC-3c/12c 4T, One Link, Multimode, SX, ATM
GSOCA4TLX1-14	GigaStor OC-3c/12c 4T, One Link, Single mode, LX, ATM
GSOCA4TXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor OC-3c/12c ATM 4T One Link, Depot Mpls, MN USA or London, UK
GSOCA4TSX2-14	GigaStor OC-3c/12c 4T, Two Link, Multimode, SX, ATM
GSOCA4TLX2-14	GigaStor OC-3c/12c 4T, Two Link, Single mode, LX, ATM
GSOCA4TXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor OC-3c/12c ATM 4T Two Link, Depot Mpls, MN USA or London, UK
GSOCISO14UP	GigaStor OC-3c/12c Software Only Upgrade
GSOCISM	Software-Only Annual Maintenance* -GigaStor OC-3c/12c - Major, minor releases and telephone support included
OC-3c/12c ATM GigaStor Portable	
GSPOCA2TSX1-14	GigaStor Portable OC-3c/12c 2T, One Link, Multimode, SX, ATM
GSPOCA2TLX1-14	GigaStor Portable OC-3c/12c 2T, One Link, Single mode, LX, ATM
GSPOCA2TXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* -GigaStor Portable OC-3c/12c ATM 2T, One Link, Depot Mpls, MN USA or London, UK
GSPOCA2TSX2-14	GigaStor Portable OC-3c/12c 2T, Two Link, Multimode, SX, ATM
GSPOCA2TLX2-14	GigaStor Portable OC-3c/12c 2T, Two Link, Single mode, LX, ATM
GSPOCA2TXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor Portable OC-3c/12c ATM 2T Two Link, Depot Mpls, MN USA or London, UK
GSPOCA4TSX1-14	GigaStor Portable OC-3c/12c 4T, One Link, Multimode, SX, Tam
GSPOCA4TLX1-14	GigaStor Portable OC-3c/12c 4T, One Link, Single mode, LX, ATM
GSPOCA4TXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* -GigaStor Portable OC-3c/12c ATM 4T, One Link, Depot Mpls, MN USA or London, UK
GSPOCA4TSX2-14	GigaStor Portable OC-3c/12c 4T, Two Link, Multimode, SX, ATM
GSPOCA4TLX2-14	GigaStor Portable OC-3c/12c 4T, Two Link, Single mode, LX, ATM
GSPOCA4TXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor Portable OC-3c/12c ATM 4T Two Link, Depot Mpls, MN USA or London, UK
GSPOCSO14UP	GigaStor Portable OC-3c/12c Software Only Upgrade
GSPOCSM	Software-Only Annual Maintenance* -GigaStor Portable OC-3c/12c - Major, minor releases and telephone support included
OC-3C/12c ATM GigaStor SAN	
GSOCASNSX1-14	GigaStor OC-3c/12c SAN, One Link, Multimode, SX, ATM
GSOCASNLX1-14	GigaStor OC-3c/12c SAN, One Link, Single mode, LX, ATM
GSOCASNXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor OC-3c/12c ATM SAN One Link (2 Port) Depot Mpls, MN USA or London, UK

GSOCASNSX2-14	GigaStor OC-3c/12c SAN, Two Link, Multimode, SX, ATM
GSOCASNLX2-14	GigaStor OC-3c/12c SAN, Two Link, Single mode, LX, ATM
GSOCASNX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor OC-3c/12c ATM SAN Two Link, Depot Mpls, MN USA

*** Available with original purchase or maintenance renewal only.**

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Part Number	Description
Fibre Channel Products	
Fibre Channel Probe Appliance	
FPSX1-14	Fibre Channel Probe Appliance, One Link (2 Ports) SX - 1 or 2 Gbps
FPLX1-14	Fibre Channel Probe Appliance, One Link (2 Ports) LX - 1 or 2 Gbps
FPXX1MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Fiber Channel Probe Appliance, One Link (2 Ports) Depot Mpls, MN USA or London UK
FPSX2-14	Fibre Channel Probe Appliance, Two Link (4 Ports) SX - 1 or 2 Gbps
FPLX2-14	Fibre Channel Probe Appliance, Two Link (4 Ports) LX - 1 or 2 Gbps
FPXX2MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Fibre Channel Probe Appliance, Two Link (4 Ports) Depot Mpls, MN USA or London UK
GPSO14UP	Gigabit/WAN Probe Software Only Upgrade (from any previous Gig/WAN Probe)
GPSM	Software-Only Annual Maintenance* -Gigabit Probe Appliance - Major, minor releases and telephone support included
Fibre Channel Portable	
FOSX1-14	Fibre Channel Portable, One Link (2 Ports) SX, 1 or 2 Gbps, includes travel case
FOLX1-14	Fibre Channel Portable, One Link (2 Ports) LX, 1 or 2 Gbps, includes travel case
FOXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* -Fibre Channel Portable One Link (2 Ports) Depot Mpls, MN USA or London UK
FOSX2-14	Fibre Channel Portable, Two Link (4 Ports) SX, 1 or 2 Gbps, includes travel case
FOLX2-14	Fibre Channel Portable, Two Link (4 Ports) LX, 1 or 2 Gbps, includes travel case
FOXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* Fibre Channel Portable Two Link (4 Port) Depot Mpls, MN USA or London UK
GWSO14UP	Gigabit/WAN/FC Portable Software Only Upgrade (from any previous Gig/WAN/FC Observer Suite System version)
GWSOMNS	Software Only Annual Maintenance* -Gigabit/WAN/FC Portable - Major, minor releases and telephone support included
GigaStor-FC	
GSF4TSX1-14	GigaStor-FC 4T Fibre Channel, One Link (2 Ports) SX, 1 or 2 Gbps
GSF4TLX1-14	GigaStor-FC 4T Fibre Channel, One Link (2 Ports) LX, 1 or 2 Gbps
GSF4TXX1-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor-FC GS4T One Link (2 Port) Depot Mpls, MN USA or London UK
GSF4TSX2-14	GigaStor-FC 4T Fibre Channel, Two Link (4 Ports) SX, 1 or 2 Gbps
GSF4TLX2-14	GigaStor-FC 4T Fibre Channel, Two Link (4 Ports) LX, 1 or 2 Gbps
GSF4TXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor-FC GS4T Two Link (4 Port) Depot Mpls, MN USA or London UK
GSSO14UP	GigaStor Software Only Upgrade
GSSM	Software-Only Annual Maintenance* -GigaStor - Major, minor releases and telephone support included
GigaStor-FC SAN	
GSFSNSX2-14	GigaStor-FC SAN Fibre Channel, Two Link (4 Ports) SX, 1 or 2 Gbps
GSFSNLX2-14	GigaStor-FC SAN Fibre Channel, Two Link (4 Ports) LX, 1 or 2 Gbps
GSFSNXX2-MW	Annual Support Service - 12 Months, Software Maintenance and Standard Hardware Warranty* GigaStor-FG GS4T Two Link (4 Port) Depot Mpls, MN USA or London UK

* Available with original purchase or maintenance renewal only.

Part Number	Description
nTAPs	
Copper nTAPs	
TCTH-K	10/100 Copper nTAP
TCTHG-K	10/100/1000 Copper nTAP
TCOTHG-SX-K	10/100/1000 Conversion nTAP, SX SFP
TCOTHG-LX-K	10/100/1000 Conversion nTAP, LX SFP
Copper Aggregator/Conversion nTAP	
TAC256-K	Copper Aggregator nTAP, dual analyzer outputs, 256MB Buffer
TAC512-K	Copper Aggregator nTAP, dual analyzer outputs, 512MB Buffer
TAC1024-K	Copper Aggregator nTAP, dual analyzer outputs, 1GB Buffer
TACO256-K	Aggregator Conversion nTAP, 256MB Buffer, SFP's sold separately
TACO512-K	Aggregator Conversion nTAP, 512MB Buffer, SFP's sold separately
TACO1024-K	Aggregator Conversion nTAP, 1GBMB Buffer, SFP's sold separately
Optical nTAPs (available in other split ratios)	
Multimode, 62.5µm Fiber	
TO1-M6-LC-55-K	Optical nTAP, One-Channel, 62.5µm, MM, LC, 50/50 split ratio
TO1-M6-LC-64-K	Optical nTAP, One-Channel, 62.5µm, MM, LC, 60/40 split ratio
TO1-M6-LC-73-K	Optical nTAP, One-Channel, 62.5µm, MM, LC, 70/30 split ratio
TO2-M6-LC-55-K	Optical nTAP, Two-Channel, 62.5µm, MM, LC, 50/50 split ratio
TO2-M6-LC-64-K	Optical nTAP, Two-Channel, 62.5µm, MM, LC, 60/40 split ratio
TO2-M6-LC-73-K	Optical nTAP, Two-Channel, 62.5µm, MM, LC, 70/30 split ratio
TO3-M6-LC-55-K	Optical nTAP, Three-Channel, 62.5µm, MM, LC, 50/50 split ratio
TO3-M6-LC-64-K	Optical nTAP, Three-Channel, 62.5µm, MM, LC, 60/40 split ratio
TO3-M6-LC-73-K	Optical nTAP, Three-Channel, 62.5µm, MM, LC, 70/30 split ratio
Multimode, 50µm Fiber	
TO1-M5-LC-55-K	Optical nTAP, One-Channel, 50µm, MM, LC, 50/50 split ratio
TO1-M5-LC-64-K	Optical nTAP, One-Channel, 50µm, MM, LC, 60/40 split ratio
TO1-M5-LC-73-K	Optical nTAP, One-Channel, 50µm, MM, LC, 70/30 split ratio
TO2-M5-LC-55-K	Optical nTAP, Two-Channel, 50µm, MM, LC, 50/50 split ratio
TO2-M5-LC-64-K	Optical nTAP, Two-Channel, 50µm, MM, LC, 60/40 split ratio
TO2-M5-LC-73-K	Optical nTAP, Two-Channel, 50µm, MM, LC, 70/30 split ratio
TO3-M5-LC-55-K	Optical nTAP, Three-Channel, 50µm, MM, LC, 50/50 split ratio
TO3-M5-LC-64-K	Optical nTAP, Three-Channel, 50µm, MM, LC, 60/40 split ratio
TO3-M5-LC-73-K	Optical nTAP, Three-Channel, 50µm, MM, LC, 70/30 split ratio
Single-mode, 9µm Fiber	
TO1-SM-LC-55-K	Optical nTAP, One-Channel, 9µm, SM, LC, 50/50 split ratio
TO1-SM-LC-64-K	Optical nTAP, One-Channel, 9µm, SM, LC, 60/40 split ratio
TO1-SM-LC-73-K	Optical nTAP, One-Channel, 9µm, SM, LC, 70/30 split ratio
TO2-SM-LC-55-K	Optical nTAP, Two-Channel, 9µm, SM, LC, 50/50 split ratio
TO2-SM-LC-64-K	Optical nTAP, Two-Channel, 9µm, SM, LC, 60/40 split ratio
TO2-SM-LC-73-K	Optical nTAP, Two-Channel, 9µm, SM, LC, 70/30 split ratio
TO3-SM-LC-55-K	Optical nTAP, Three-Channel, 9µm, SM, LC, 50/50 split ratio
TO3-SM-LC-64-K	Optical nTAP, Three-Channel, 9µm, SM, LC, 60/40 split ratio
TO3-SM-LC-73-K	Optical nTAP, Three-Channel, 9µm, SM, LC, 70/30 split ratio
Optical Conversion nTAP - Optical (in) Copper (out)	
TOCG-M6-LC-55-K	Optical nTAP with copper full-duplex output, 62.5µm MM, LC, 50/50 split ratio
TOCG-M6-LC-64-K	Optical nTAP with copper full-duplex output, 62.5µm MM, LC, 60/40 split ratio
TOCG-M6-LC-73-K	Optical nTAP with copper full-duplex output, 62.5µm MM, LC, 70/30 split ratio
TOCG-M5-LC-55-K	Optical nTAP with copper full-duplex output, 50µm MM, LC, 50/50 split ratio
TOCG-M5-LC-64-K	Optical nTAP with copper full-duplex output, 50µm MM, LC, 60/40 split ratio
TOCG-M5-LC-73-K	Optical nTAP with copper full-duplex output, 50µm MM, LC, 70/30 split ratio
TOCG-SM-LC-55-K	Optical nTAP with copper full-duplex output, 9µm SM, LC, 50/50 split ratio
TOCG-SM-LC-64-K	Optical nTAP with copper full-duplex output, 9µm SM, LC, 60/40 split ratio
TOCG-SM-LC-73-K	Optical nTAP with copper full-duplex output, 9µm SM, LC, 70/30 split ratio
Optical Aggregator/Conversion nTAP - Optical (in) Copper (out)	
Multimode, 62.5µm Fiber	
TAOCG256M6LC55K	Optical Aggregator nTAP, 2 copper outputs, 256MB, 62.5µm MM, LC, 50/50
TAOCG512M6LC55K	Optical Aggregator nTAP, 2 copper outputs, 512MB, 62.5µm MM, LC, 50/50
TAOCG1024M6LC55K	Optical Aggregator nTAP, 2 copper outputs, 1GB, 62.5µm MM, LC, 50/50
TAOCG256M6LC64K	Optical Aggregator nTAP, 2 copper outputs, 256MB, 62.5µm MM, LC, 60/40
TAOCG512M6LC64K	Optical Aggregator nTAP, 2 copper outputs, 512MB, 62.5µm MM, LC, 60/40
TAOCG1024M6LC64K	Optical Aggregator nTAP, 2 copper outputs, 1GB, 62.5µm MM, LC, 60/40
TAOCG256M6LC73K	Optical Aggregator nTAP, 2 copper outputs, 256MB, 62.5µm MM, LC, 70/30
TAOCG512M6LC73K	Optical Aggregator nTAP, 2 copper outputs, 512MB, 62.5µm MM, LC, 70/30
TAOCG1024M6LC73K	Optical Aggregator nTAP, 2 copper outputs, 1GB, 62.5µm MM, LC, 70/30
Multimode, 50µm Fiber	

TAOCG256M5LC55K	Optical Aggregator nTAP, 2 copper outputs, 256MB, 50µm MM, LC, 50/50
TAOCG512M5LC55K	Optical Aggregator nTAP, 2 copper outputs, 512MB, 50µm MM, LC, 50/50
TAOCG1024M5LC55K	Optical Aggregator nTAP, 2 copper outputs, 1GB, 50µm MM, LC, 50/50
TAOCG256M5LC64K	Optical Aggregator nTAP, 2 copper outputs, 256MB, 50µm MM, LC, 60/40
TAOCG512M5LC64K	Optical Aggregator nTAP, 2 copper outputs, 512MB, 50µm MM, LC, 60/40
TAOCG1024M5LC64K	Optical Aggregator nTAP, 2 copper outputs, 1GB, 50µm MM, LC, 60/40
TAOCG256M5LC73K	Optical Aggregator nTAP, 2 copper outputs, 256MB, 50µm MM, LC, 70/30
TAOCG512M5LC73K	Optical Aggregator nTAP, 2 copper outputs, 512MB, 50µm MM, LC, 70/30
TAOCG1024M5LC73K	Optical Aggregator nTAP, 2 copper outputs, 1GB, 50µm MM, LC, 70/30
Single-mode, 9µm Fiber	
TAOCG256SMLC55K	Optical Aggregator nTAP, 2 copper outputs, 256MB, 9µm SM, LC, 50/50
TAOCG512SMLC55K	Optical Aggregator nTAP, 2 copper outputs, 512MB, 9µm SM, LC, 50/50
TAOCG1024SMLC55K	Optical Aggregator nTAP, 2 copper outputs, 1GB, 9µm SM, LC, 50/50
TAOCG256SMLC64K	Optical Aggregator nTAP, 2 copper outputs, 256MB, 9µm SM, LC, 60/40
TAOCG512SMLC64K	Optical Aggregator nTAP, 2 copper outputs, 512MB, 9µm SM, LC, 60/40
TAOCG1024SMLC64K	Optical Aggregator nTAP, 2 copper outputs, 1GB, 9µm SM, LC, 60/40
TAOCG256SMLC73K	Optical Aggregator nTAP, 2 copper outputs, 256MB, 9µm SM, LC, 70/30
TAOCG512SMLC73K	Optical Aggregator nTAP, 2 copper outputs, 512MB, 9µm SM, LC, 70/30
TAOCG1024SMLC73K	Optical Aggregator nTAP, 2 copper outputs, 1GB, 9µm SM, LC, 70/30
10 Gb Optical TAPS (available in other split ratios)	
Multimode, 50 µm Fiber	
TOT1-M5-LC-55-K	10 Gb Optical nTAP, One-Channel, 50µm, MM, LC, 50/50 split ratio
TOT1-M5-LC-64-K	10 Gb Optical nTAP, One-Channel, 50µm, MM, LC, 60/40 split ratio
TOT1-M5-LC-73-K	10 Gb Optical nTAP, One-Channel, 50µm, MM, LC, 70/30 split ratio
TOT2-M5-LC-55-K	10 Gb Optical nTAP, Two-Channel, 50µm, MM, LC, 50/50 split ratio
TOT2-M5-LC-64-K	10 Gb Optical nTAP, Two-Channel, 50µm, MM, LC, 60/40 split ratio
TOT2-M5-LC-73-K	10 Gb Optical nTAP, Two-Channel, 50µm, MM, LC, 70/30 split ratio
TOT3-M5-LC-55-K	10 Gb Optical nTAP, Three-Channel, 50µm, MM, LC, 50/50 split ratio
TOT3-M5-LC-64-K	10 Gb Optical nTAP, Three-Channel, 50µm, MM, LC, 60/40 split ratio
TOT3-M5-LC-73-K	10 Gb Optical nTAP, Three-Channel, 50µm, MM, LC, 70/30 split ratio
Single-mode 9µm Fiber	
TOT1-SM-LC-55-K	10 Gb Optical nTAP, One-Channel, 9µm, SM, LC, 50/50 split ratio
TOT1-SM-LC-64-K	10 Gb Optical nTAP, One-Channel, 9µm, SM, LC, 60/40 split ratio
TOT1-SM-LC-73-K	10 Gb Optical nTAP, One-Channel, 9µm, SM, LC, 70/30 split ratio
TOT2-SM-LC-55-K	10 Gb Optical nTAP, Two-Channel, 9µm, SM, LC, 50/50 split ratio
TOT2-SM-LC-64-K	10 Gb Optical nTAP, Two-Channel, 9µm, SM, LC, 60/40 split ratio
TOT2-SM-LC-73-K	10 Gb Optical nTAP, Two-Channel, 9µm, SM, LC, 70/30 split ratio
TOT3-SM-LC-55-K	10 Gb Optical nTAP, Three-Channel, 9µm, SM, LC, 50/50 split ratio
TOT3-SM-LC-64-K	10 Gb Optical nTAP, Three-Channel, 9µm, SM, LC, 60/40 split ratio
TOT3-SM-LC-73-K	10 Gb Optical nTAP, Three-Channel, 9µm, SM, LC, 70/30 split ratio
TAP Accessories	
Analyzer Cables (from optical nTAP to analyzer)	
TOSP-M6-SCSC-3M	62.5 µm, SC to SC, Multimode Analyzer Cable (3 Meter)
TOSP-M6-SCLC-3M	62.5 µm, SC to LC, Multimode Analyzer Cable (3 Meter)
TOSP-M6-LCLC-3M	62.5 µm, LC to LC, Multimode Analyzer Cable (3 Meter)
TOSP-M5-SCSC-3M	50 µm, SC to SC, Multimode Analyzer Cable (3 Meter)
TOSP-M5-SCLC-3M	50 µm, SC to LC, Multimode Analyzer Cable (3 Meter)
TOSP-M5-LCLC-3M	50 µm, LC to LC, Multimode Analyzer Cable (3 Meter)
TOSP-SM-SCSC-3M	9 µm, SC to SC, Single-mode Analyzer Cable (3 Meter)
TOSP-SM-SCLC-3M	9 µm, SC to LC, Single-mode Analyzer Cable (3 Meter)
TOSP-SM-LCLC-3M	9 µm, LC to LC, Single-mode Analyzer Cable (3 Meter)
TAP duplex patch cables (optical)	
TOST-M6-SCSC-3M	62.5 µm, SC to SC, Multimode Duplex Patch Cable (3 Meter)
TOST-M6-SCLC-3M	62.5 µm, SC to LC, Multimode Duplex Patch Cable (3 Meter)
TOST-M6-LCLC-3M	62.5 µm, LC to LC, Multimode Duplex Patch Cable (3 Meter)
TOST-M5-SCSC-3M	50 µm, SC to SC, Multimode Duplex Patch Cable (3 Meter)
TOST-M5-SCLC-3M	50 µm, SC to LC, Multimode Duplex Patch Cable (3 Meter)
TOST-M5-LCLC-3M	50 µm, LC to LC, Multimode Duplex Patch Cable (3 Meter)
TOST-SM-SCSC-3M	9 µm, SC to SC, Single-Mode Duplex Patch Cable (3 Meter)
TOST-SM-SCLC-3M	9 µm, SC to LC, Single-Mode Duplex Patch Cable (3 Meter)
TOST-SM-LCLC-3M	9 µm, LC to LC, Single-Mode Duplex Patch Cable (3 Meter)
Rack and Bay Mounts	
TCRM	19 in. 1U Rack Mount Panel (for up to 3 copper or optical nTAPs)
TCBAY	5 1/4" Bay Mount Adapter for a copper or optical nap
Power supplies	
TC2P-K	Redundant Power Supply kit for Copper nTAPs
TC-PS-RM	Rackmounted AC to DC pwr sup, for up to 15 copper TAPs

TC-PS-RED-RM	Rackmounted AC to DC redundant pwr sup, for up to 15 TAPs
Media Converters	
TSXLX-CONV	SX/LX Media Converter
nTAP Warranty extensions	
TCTH-MAINT	10/100 Copper nTAP Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK
TCTHG-MAINT	10/100/1000 Copper nTAP Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK
TCOTHGT-MAINT	10/100/1000 Copper Conversion nTAP (SX/LX versions) Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK
TAC256W	Copper Aggregator nTAP, 256MB Buffer - Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK or London, UK
TAC512W	Copper Aggregator nTAP, 512MB Buffer - Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK
TAC1024W	Copper Aggregator nTAP, 1GB Buffer - Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK
TACO256W	Aggregator Conversion nTAP, 256MB Buffer, - Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK
TACO512W	Aggregator Conversion nTAP, 512MB Buffer, - Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK
TACO1024W	Aggregator Conversion nTAP, 1GB Buffer, - Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK
TO1-MAINT	Optical 1 Gb One-Channel nTAP Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK
TO2-MAINT	Optical 1 Gb, Two-Channel nTAP Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK
TO3-MAINT	Optical 1 Gb Three-Channel nTAP Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK
TOCGW	Optical nTAP with copper full-duplex output, Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK
TAOCG256W	Optical Aggregator nTAP, 2 copper outputs, 256MB, Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK
TAOCG512W	Optical Aggregator nTAP, 2 copper outputs, 512MB, Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK
TAOCG1024W	Optical Aggregator nTAP, 2 copper outputs, 1GB, Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK
TOT1-MAINT	Optical 10Gb One-Channel nTAP Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK
TOT2-MAINT	Optical 10Gb Two-Channel nTAP Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK
TOT3-MAINT	Optical 10Gb Three-Channel nTAP Warranty Extension, 1yr., Depot Minneapolis, MN USA or London, UK

* Available with original purchase or maintenance renewal only.

Part Number	Description
Hardware Accessories	
GPS Time Synchronization System (10Gb only)	
TSS15-K	GPS Time Synchronization System - 15 Ports, 200ft cable with Antenna, (1) TSS Port Connector
TSSP	Time Synchronization System (TSS) Port Connector - Needed for each additional 10G system attached to the GPS-TSS
TSSC400	TSS 400ft. Antenna Cable
TSSC1000	TSS 1000ft. Antenna Cable
TSS15-MW	Annual Support Services GPS Time Synchronization System
SFP & XFP	
TSFP-COP	Copper (TX) SFP
TSFP-SX	SX SFP
TSFP-LX	LX SFP
TXFP-S	SR XFP
TXFP-L	LR XFP
TSFP-SONET	Single Mode (LX) SFP for OC-3c/12c
Memory Upgrades	
G2MU33GB	Memory Upgrade 18GB to 33GB (9 OS/24 Obs.), Gen 2 Gig & 10Gb UP/EX
Hard Drive Options	
ZHDCAGE	Removable Hard Drive Cage and Drawer (No Drive)
ZHDCAGEDR	Drawer only for Hard Drive Cage
GSPDRV250	GigaStor Portable 250GB OS Drive
GSPDRV500	GigaStor Portable 500GB Array Drive
GSDRV5002TE	500GB Drive and Cage for GigaStor 2TE
GSDRV500	500GB Drive and Cage for GigaStor
GSDRV750	750GB Drive and Cage for GigaStor
GSDRV1TB	1TB Drive and Cage for GigaStor
GSDRV1TB5	1TB Drive and Cage for GigaStor - 5 Pack
GSDRV1TBUE	1TB Drive and Cage for GigaStor Upgradable/Expandable
GSDRV1TB5UE	1TB Drive and Cage for GigaStor Upgradable/Expandable - 5 Pack
GSDRV2TB	2TB Drive and Cage for GigaStor
GSDRV2TBUE	2TB Drive and Cage for GigaStor Upgradable/Expandable
GSDRV2TB5UE	2TB Drive and Cage for GigaStor Upgradable/Expandable - 5 Pack
ZHD250GB	250GB Drive Only
ZHDGS8T	500GB Drive Only
ZHDGS12T	750GB Drive Only
ZHDGS16T	1TB Drive Only
ZHDGS2T	2TB Drive Only
Ethernet Adapters	
OBSPCMCIKIT	PCMCIA - Intel Chip Set 10/100 CardBus (Laptop) Ethernet Adapter
OBSPCI2KIT	PCI - 10/100/1000 Ethernet Adapter, Intel Chip Set, Single Port
PCI2XEKIT	PCI - 10/100/1000 Ethernet Adapter, Intel Chip Set, Dual Port
PCIE1XE-K	PCI-Express 10/1000/1000 Ethernet Adapter, Intel Chip Set, Single Port
PCIE2XE-K	PCI-Express 10/1000/1000 Ethernet Adapter, Intel Chip Set, Dual Port
802.11 Wireless Network Adapters	
OBSWBGNEC34	802.11 b/g/n ExpressCard/34
OBSWABG	802.11 a/b/g PCMCIA (Laptop) Adapter
OBSWABGPCI	802.11 a/b/g PCI (Desktop) Adapter
OBSWBGPCI	802.11 b/g PCI Adaptor for NI Portable (GOSS/WOSS)
OBSWGN	802.11 g/n PCMCIA Adaptor
OBSWBGNPCI	802.11 b/g/n PCI Adaptor
OBSWBGNPCIE	802.11 b/g/n PCI-E Adaptor

* Available with original purchase or maintenance renewal only.

Part Number	Description
Observer Training	
TRE01	An Introduction to Observer - (1 Day)
TRE02	Observer Certified Network Instruments Engineering Course - (3 Days)

* Available with original purchase or maintenance renewal only.

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