



## 948.00 EUR

incl. 19% VAT, plus shipping

- -25 °C to 70 °C
- 5x Intel 82574L Gigabit
- 4x COM

## Support: The Specifications [EN]

Boosting your computing engine to a new era! Incorporating Intel Core<sup>™</sup> i7/i5 processor, the Nuvo-1000 controller offers extraordinary performance for arithmetic-intensive applications, while its fanless embedded design provides superb reliability and durability. The system comes with unique and smart main board and mechanical design. It is formed up only by a single main board and single heat sink to achieve most ruggedized and widest operating temperature embedded system in the market.

Nuvo-1000 also integrates versatile I/O interfaces in a compact chassis. It provides up to 5 Gigabit Ethernet ports and 2 eSATA ports, which is particularly useful for machine vision, surveillance and security applications. The VGA+DVI/HDMI dual display accomplishes an easy way of high-resolution content output for image or media applications. In addition, Nuvo-1000 also features rich IO functions, such as optional isolated DIO and PCI-104 expansion bus, to fit a broader range of applications.

The fanless design of Nuvo-1000 gives it exceptional long-term durability and tolerance to vibration, and its -25°C to +70°C temperature range provides a more reliable operation in various environments. For a quest of performance and reliability, Nuvo-1000 is the answer!

For a full PC you need in addition :



- Intel Core i5/i7 Mobile CPU (PGA-988)

- SO-DDR-III RAM

- 2.5" HDD/SSD or CompactFlash

System Core

Intel Core 13, 5, 7 mobile processors           Processor         Socket 0 (PGA088A) [77-620ML5-520ML5-520ML5-530M]           Chipset         Intel/0 HM55 Platform Controller Hub           Graphics         Intel/0 HM55 Platform Controller Hub           Graphics         Val-pin SO-DIMM socket, up to 4GB DDR3 1066MHz SDRAM           Front-panel I/O Inter/des         Val-pin SO-DIMM socket, up to 4GB DDR3 1056MHz SDRAM           Ethemet         1x Intel® 82574L Gigabit Ethemet port           Yuloo Donnector for DV/HDMI output, supporting 1520x1080 resolution         1x DR-15 connector for DV/HDMI output, supporting 1520x1080 resolution           Serial Port         1x SB-232 (20M2 - COM4)         228 - 222 (20M2 - COM4)           USB         0x USB 2.0 ports         Serial Port         3x RS-232 (COM2 - COM4)           USB         0x USB 2.0 ports         Serial Port         3x RS-232 (COM2 - COM4)           USB         0x USB 2.0 ports         Serial Port         3x RS-232 (COM2 - COM4)           USB         0x USB 2.0 ports         Serial Port         Serial Port           Sortal Internal TX Port For 2.5* PLD/SSD Installation         1x PS/2 keyboard and 1x PS/2 resource           Sortal Port 1x Type 1 CF socket         Fortal TX ports for storage expansion         CompactFlash           Origit Consector         1x Internal PCI-104 socket         Serial Port 14 socket	System Core	
(iP:620M.5-620M.5-620M.5-630M.5-430M.ChipadeIntegrated Intel® HDG Graphics ControllerGraphicsIntegrated Intel® HDG Graphics ControllerMemory1x 204-pin SO-DIMM socket, up to 4GB DDR3 1066MHz SDRAMFront-ganel VO IntererIx Intel® 82574L Gigabit Ethernet portChemory1x Intel® 82574L Gigabit Ethernet portVideo Port1x Solt-So connector for analog RGB, supporting 2560x1600 resolutionSrain Port808-20 portsConstruction1x Solt-So connector for DVI-HDM output, supporting 1920x1060 resolutionSrain Port808-20 portsUSB0x Solt-So connector for DVI-HDM output, supporting 1920x1060 resolutionUSB0x Solt-So connector for DVI-HDM output, supporting 1920x1060 resolutionUSB0x Solt-So connector for DVI-HDM output, supporting 1920x1060 resolutionUSB0x Solt-Solt-Solt-Solt-Solt-Solt-Solt-Solt-		Intel Core i3, i5, i7 mobile processors
Chipset         Intel® HMSS Platform Controller Hub           Graphics         Integrated Intel® HD Graphics Controller           Wemory         1x 204-pin SO-DIMM socket, up to 4GB DDR3 1066MHz SDRAM           Front-ganal I/O Interface         Ethernet           Ethernet         1x Intel® 82574L Gigabit Ethernet port           1x DV-D connector for DV/HDMI output, supporting 2560x1600 resolution           1x SDV-D connector for DV/HDMI output, supporting 120x10800 resolution           1x Software-programmable RS-322422/485 (COM1)           Sar SA         Sar SA           Serial Port         3x RS-232 (COM2 - COM4)           USB         6x USB 2.0 ports           KSMS         1x PS2 keyboard and 1x PS12 mouse           Audio         1x Mic-in and 1x Speake-out           Digital I/O         8x isolated DO (optional)           Storage Interface         Storage Interface           SATA Port Sor Storage expansion         CompactFlash           1x Type I CF socket         Expansion Bue           Mini PCI-E         1x Internal PCI-104 socket           Power Supply         Difference           Di Chout         1x Internal PCI-104 socket           Power Supply         Sull-In 8-28 VDC DC Input           Pure Connector         1x Apin plugable terminal block with remote on/off control	Processor	Socket G (rPGA988A)
GraphicsIntegrated Intel® HD Graphics ControllerMemorytx 204-pin SO-DIMM socket, up to 4GB DDR3 1066MHz SDRAMFront-panel VO InterfaceEthernet1x Intel® 28274L Gigabit Ethernet portVideo Port1x DP-D connector for DVI/HDMI output, supporting 1920x1080 resolutionStrail Port3x RS-323 (COM2 - COM4)Supporting 1920x1080 resolutionStrail Port1x software-programmable RS-232/422/485 (COM1)Strail Port3x RS-323 (COM2 - COM4)USB6x USB 2.0 portsKBMS1x PS/2 keyboard and 1x PS/2 mouseAudiox Mici-an d1 x Speaker-outDigital I/O8x isolated D1 and 8x isolated D0 (optional)Storage Interface1x Internal SATA port for 2.5' HDD/SSD InstallationSATA HDD1x Internal PCI-104 socketPoint Pol-E1x Internal PCI-104 socketPoint Pol-E1x Internal PCI-104 socketPower Support1x D [Gack (ac2, 6) for AC/DC dapter inputDirension240 mm (W) x 15 mm (D) x 76 mm (H)Weight2.7 Kg (including 2.5' HDD and DDR3 SODIMM)MouningVal-mounting bracketPorterating TemperatureAmbient with air flow (> 0.5 m/s or 1.8 km/n; 100% CPU loading* -25° C - 60°C (Nuv-1003S-6200P)Operating Temperature40°C > 45°CAmbient without air flow, 100% CPU loading* -25°C - 60°C (Nuv-1003S-6200P)Operating Temperature40°C > 45°CAmbient without air flow, 100% CPU loading* -25°C - 60°C (Nuv-1003S-6200P)Ambient without air flow, 100% CPU loading* 		[i7-620M,i5-540M,i5-520M,i5-450M,i5-430M]
Memory         1x 204-pin SO-DIMM socket, up to 4GB DDR3 1066MHz SDRAM           Front-panel I/O Interface           Ethemet         1x Intel® 82574L Gigabit Ethemet port           Video Port         1x DB-15 connector for analog RGB, supporting 2560x1600 resolution           Strail Port         3x Software-programmable RS-232/22/2365 (COM1)           Sarial Port         3x RS-232 (COM2 ~ COM4)           USB         6x USB 2.0 ports           KBMS         1x PS/2 keyboard and 1x PS/2 mouse           Audio         1x Mic-in and 1x Speaker-out           Digital I/O         8x isolated DI and 8x isolated DO (optional)           Storage Interface         Storage Interface           OxmpactFlash         1x Type I CF socket           Expansion Bus         Mini PCI-E           Mini PCI-E         1x Internal SVC DC Ginput           Internal PCI-104 socket         Power Supply           DC Input         Built-in 8-28 VOC DC input           Inscheral         Ya Gincluding 2.5' HDD AD DR3 SODIMM)           Mounting         Vale-mount Disk with remote on/off control           Input Connector         1x 4-pin pluggable terminal block with remote on/off control           Input Connector         1x 4-pin DU SD mm (D) x 76 mm (H)           Weight         2.7 Kg (including 2.5' HDD and DDR3 SODIMM)      <	Chipset	Intel® HM55 Platform Controller Hub
Front-panel VO Interface         Front-panel VO Interface           Ethernet         1x IoBe32574. Gigabit Ethernet port           Video Port         1x DB-15 connector for DV/HDMI output, supporting 1920x1080 resolution           Serial Port         3x R5-232 (COM2 - COM4)           Sar R5-232 (COM2 - COM4)         Supporting 1920x1080 resolution           Stress         6x USB 2.0 ports           KBMS         1x Sp24board and 1x Sp24ker-out           Jointel VID         8x isolated DI and 8x isolated DO (optional)           Strange Interface         1x Internal SATA port for 2.5" HDD/SDI installation           SATA HDD         1x Internal SATA port for 2.5" HDD/SDI installation           CompactFlash         1x Internal SATA port for 2.5" HDD/SDI installation           CompactFlash         1x Internal POL Express socket with SIM socket           Poter         1x Internal POL PO Socket           Poter         1x DC jack (s2.5) for AC/DC adapter input           Poter Supply         1x DC jack (s2.5) for AC/DC adapter input           Poter Supply         24 mm (W) x 155 mm (D) x 76 mm (H)           Poter Supply         24 mm (W) x 155 mm (D) x 76 mm (H)           Poter Supply         24 mm (W) x 155 mm (D) x 76 mm (H)           Poter Supply         24 mm (W) x 155 mm (D) x 76 mm (H)           Weight         24 mm (W) x 155 mm (D	Graphics	Integrated Intel® HD Graphics Controller
Front-panel VO Interface         Front-panel VO Interface           Ethernet         1x IoBe32574. Gigabit Ethernet port           Video Port         1x DB-15 connector for DV/HDMI output, supporting 1920x1080 resolution           Serial Port         3x R5-232 (COM2 - COM4)           Sar R5-232 (COM2 - COM4)         Supporting 1920x1080 resolution           Stress         6x USB 2.0 ports           KBMS         1x Sp24board and 1x Sp24ker-out           Jointel VID         8x isolated DI and 8x isolated DO (optional)           Strange Interface         1x Internal SATA port for 2.5" HDD/SDI installation           SATA HDD         1x Internal SATA port for 2.5" HDD/SDI installation           CompactFlash         1x Internal SATA port for 2.5" HDD/SDI installation           CompactFlash         1x Internal POL Express socket with SIM socket           Poter         1x Internal POL PO Socket           Poter         1x DC jack (s2.5) for AC/DC adapter input           Poter Supply         1x DC jack (s2.5) for AC/DC adapter input           Poter Supply         24 mm (W) x 155 mm (D) x 76 mm (H)           Poter Supply         24 mm (W) x 155 mm (D) x 76 mm (H)           Poter Supply         24 mm (W) x 155 mm (D) x 76 mm (H)           Poter Supply         24 mm (W) x 155 mm (D) x 76 mm (H)           Weight         24 mm (W) x 155 mm (D	Memory	1x 204-pin SO-DIMM socket, up to 4GB DDR3 1066MHz SDRAM
Ethemet       1x Intel® 82574L Gigabit Ethemet port         Video Port       1x DB-15 connector for analog RGB, supporting 2560x1600 resolution         Srial Port       1x software-programmable RS-232/422/485 (COM1)         3x RS-232 (COM2 ~ COM4)       3x RS-232 (COM2 ~ COM4)         USB       6x USB 2.0 ports         KBMS       1x PS/2 keyboard and 1x PS/2 mouse         Audio       1x Micin and 1x Speaker-out         Digital I/O as isolated DI and 8x isolated DO (optional)         Storage Interface         SATA HDD       1x Internal SATA port for 2.5° HDD/SD Installation         CompactFlash       1x Type I CF socket         Expansion Bus	-	
Video Port     1x DB-15 connector for analog RGB, supporting 2560x1600 resolution       1x DVI-D connector for DVI-HDMI output, supporting 1920x1080 resolution       Serial Port     3x RS-232 (COM2 - COM4)       USB     6x USB 2.0 ports       KB/MS     1x PS/2 keyboard and 1x PS/2 mouse       Audio     1x Mic-in and 1x Speaker-out       Digital I/O     8x isolated DI and 8x isolated DO (optional)       Storage Interface     5000000000000000000000000000000000000		1x Intel® 82574L Gigabit Ethernet port
Video Port         1x DVI-D connector for DVI/HDMI output, supporting 1920x1080 resolution           Serial Port         1x software-programmable RS-232/42/455 (COM1)           Serial Port         3x RS-232 (COM4)           USB         6x USB 2.0 ports           KB/MS         1x PS/2 keyboard and 1x PS/2 mouse           Audio         1x Micin and 1x Speaker-out           Digital I/O         8x isolated DI and 8x isolated DO (optional)           Storage Interface		
Serial Port1x software-programmable RS-232/422/485 (COM1) 3x RS-232 (COM2 - COM4)USB6x USB 2.0 portsKB/MS1x PS/2 keyboard and 1x PS/2 mouseAudio1x Mic-in and 1x Speaker-outDigital I/O8x isolated DI and 8x isolated DO (optional)Storage InterfaceSATA HDD1x Internal SATA port for 2.5" HDD/SSD installationcompactFlash1x Type I CF socketExpansion BusMini PCI-E1x Internal PCI Express socket with SIM socketPOl-1041x Internal PCI-104 socketPower SupplyDC InputBullt-in 8-28 VDC DC InputInput Connector1x 4-pin pluggable terminal block with remote on/off control 1x Dc jack (a2.5) for AC/DC adapter inputMechanicalUmension240 mm (W) x 195 mm (D) x 76 mm (H)Weight2.7 Kg (including 2.5" HDD and DDR3 SODIMM)MountingWall-mount by mounting bracketEnvironmentalAmbient with ail flow (> 0.5 m/s or 1.8 km/hr), 100% CPU loading* -25°C - 60°C (Nuvo-1003S-620M & Nuvo-1003S-520M) -25°C - 60°C (Nuvo-1003S-650P)Ambient with ail flow (> 0.5 m/s or 1.8 km/hr), 100% CPU loading* -25°C - 60°C (Nuvo-1003S-620M & Nuvo-1003S-520M) -25°C - 60°C (Nuvo-1003S-650P)Ambient with ail flow (> 0.5 m/s or 1.8 km/hr), 100% CPU loading* -25°C - 60°C (Nuvo-1003S-650P) -25°C - 60°C (Nuvo-1003S-650P)Ambient with ail flow (> 0.5 m/s or 1.8 km/hr), 100% CPU loading* -25°C - 60°C (Nuvo-1003S-650P) -25°C - 60°C (Nuv	Video Port	
Serial Port3x RS-232 (COM2 - COM4)USB6x USB 2.0 portsKB/MS1x PS/2 keyboard and 1x PS/2 mouseAudio1x Mic-in and 1x Speake-outDigital I/O8x isolated DI and 8x isolated DO (optional)Storage InterfaceStorage InterfaceStrat HDD1x Internal SATA port for 2.5" HDD/SSD installationeSATA2x eSATA ports for storage expansionCompactFlash1x Type I CF socketExpansion BusMini PCI-E1x internal mini PCI Express socket with SIM socketPOer SupplyDC InputBuilt-in 8-28 VDC DC inputInput Connector1x 4-pin pluggable terminal block with remote on/off control 1x DC jack (a2.5) for AC/DC adapter inputMechanicalDimension240 mm (W) x 195 mm (D) x 76 mm (H)Weight2.7 Kg (including 2.5" HDD and DDR3 SODIMM)MountingWall-mount by mounting bracketEnvironmentalZore C - Go°C (Nuvo-1003S-620M & Nuvo-1003S-520M) -25°C - Go°C (Nuvo-1003S-6520M) -25°C - 60°C		
USB $6x$ USB 2.0 portsKB/MS1x PS/2 keyboard and 1x PS/2 mouseAudio1x Mic-in and 1x Speaker-outDigital I/O8x isolated DI and 8x isolated DO (optional)Storage InterfaceSATA HDD1x Internal SATA port for 2.5" HDD/SSD installationSATA HDD1x Internal SATA ports for storage expansionCompactFlash1x Type I CF socketExpansion BusMini PCI-E1x internal mini PCI Express socket with SIM socketPOIC1x Internal PCI-104 socketPower SupplyDC InputBuilt-in 8-28 VDC DC inputInput Connector1x 4-pin pluggable terminal block with remote on/off controlInput Connector1x Ac (s2.5) for AC/DC adapter inputMechanicalDimension240 mm (W) x 195 mm (D) x 76 mm (H)Weight2.7 Kg (including 2.5" HDD and DDR3 SODIMM)MountingWall-mount by mounting bracketEnvironmentalAmbient with air flow (> 0.5 m/s or 1.8 km/hr), 100% CPU loading* -25°C - 60°C (Nuvo-1003S-620M & Nuvo-1003S-520M) -25°C - 60°C (Nuvo-1003S-620M & Nuvo-1003S-520M	Serial Port	
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Digital I/O8k isolated DI and 8k isolated DO (optional)Strage InterfaceSATA HDDIs internal SATA ports for storage expansionCompactFlash1x Type I CF socketExpansion BusExpansion BusPOINT OF 2.5" HDD/SD InstallationPOINT OF 2.5" HDD/SD InstallationPOINT OF 2.5" HDD SocketPOINT OF 2.5" HDD SocketPOINT OF 2.5" HDD SocketPOINT OF 2.5" HDD And DDR3 SODIMM)Moint Point Of (calting 2.5" HDD and DDR3 SODIMM)Moint Point Of (calting 2.5" HDD and DDR3 SODIMM)Moint With art flow (> 0.5 m/s or 1.8 km/r), 10% CPU loading* -25°C - 60°C (Nuvo-1005S-620M & Nuvo-1003S-520M) -25°C - 60°C (Nuvo-1005S-620M & Nuvo-1003S-520M) -25°C - 60°C (Nuvo-1003S-4500P) -25°C - 60°C (Nuvo-1003S-4500P) -		-
Sorage InterfaceSATA HDD1x Internal SATA port for 2.5" HDD/SSD installationeSATA2x eSATA ports for storage expansioncompactFlash1x Type I CF socketExpansion BusMini PCI-E1x internal mini PCI Express socket with SIM socketPOler 1041x Internal PCI-104 socketPower SupplyDDC InputBuilt-in 8-28 VDC DC inputInput Connector1x 4-pin pluggable terminal block with remote on/off control 1x DC jack (#2.5) for AC/DC adapter inputMechanicalDimension240 mm (W) x 195 mm (D) x 76 mm (H)Weight2.7 Kg (including 2.5" HDD and DDR3 SODIMM)MountingWall-mount by mounting bracketEnvironmental-25°C - 70°C (Nuvo-1005S-620M & Nuvo-1003S-520M) -25°C - 60°C (Nuvo-1005S-620M & Nuvo-1003S-520M) -25°C - 60°C (Nuvo-1005S-620M & Nuvo-1003S-520M) -25°C - 60°C (Nuvo-1003S-4500P)Operating Temperature-40°C - 85°CHumidity10%-90%, non-condensingVibrationOperating, 5 Grms, 5-500 Hz, 3 Axes (w/ SSD, according to IEC60068-2-27)ShookOperating, 50 Grms, Half-sine 11 ms Duration (w/ SSD, according to IEC60068-2-27)		
SATA1x Internal SATA port for 2.5" HDD/SSD installationeSATA2x eSATA ports for storage expansionCompactFlash1x Type I CF socketExpansion BusMini PCI-E1x Internal mini PCI Express socket with SIM socketPCI-1041x Internal PCI-104 socketPower SupplyDC InputBuilt-in 8-28 VDC DC inputInput Connector1x 4-pin pluggable terminal block with remote on/off control 1x DC jack (e2.5) for AC/DC adapter inputMechanicalDimension240 mm (W) x 195 mm (D) x 76 mm (H)Weight2.7 Kg (including 2.5" HDD and DDR3 SODIMM)MountingWall-mount by mounting bracketEnvironmental-25°C ~ 70°C (Nuvo-1005S-620M & Nuvo-1003S-520M) -25°C ~ 60°C (Nuvo-1003S-4500P)Operating Temperature-25°C ~ 60°C (Nuvo-1003S-4500P) -25°C ~ 60°C (Nuvo-1003S-4500P)Ambient without air flow, 10% CPU loading* -25°C ~ 60°C (Nuvo-1003S-4500P) -25°C ~ 60°C (Nuvo-1003S-4500P)Storage Temperature-40°C ~ 85°CHumidity10%-90%, non-condensing Operating, 5 Grms, 5-50 Hz, 3 Axes (w/SSD, according to IEC60068-2-27)ShookOperating, 5 Grms, 14I-sine 11 ms Duration (w/SSD, according to IEC60068-2-27)	U U	
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CompactFlash1x Type I CF socketExpansion BusMini PCI-E1x internal mini PCI Express socket with SIM socketPCI-1041x Internal PCI-104 socketPower SupplyDC InputBuilt-in 8–28 VDC DC inputInput Connector1x 4-pin pluggable terminal block with remote on/off control 1x DC jack (a2.5) for AC/DC adapter inputMechanicalDimension240 mm (W) x 195 mm (D) x 76 mm (H)Weight2.7 Kg (including 2.5" HDD and DDR3 SODIMM)MountingWall-mount by mounting bracketEnvironmentalAmbient with air flow (> 0.5 m/s or 1.8 km/hr), 100% CPU loading* -25°C - 70°C (Nuvo-1003S-620M & Nuvo-1003S-520M) -25°C - 60°C (Nuvo-1003S-4500P)Operating TemperatureAmbient with air flow, 100% CPU loading* -25°C - 50°C (Nuvo-1003S-4500P) -40°C extended temperature option is also available. Please contact Neousys for further information.StorageTemperature-40°C ~ 85°CHumidity10%-90%, non-condensing (W SD, according to IEC60068-2-64)ShcokOperating, 50 Grms, Half-sine 11 ms Duration (w/ SSD, according to IEC60068-2-27)	-	
Expansion BusMini PCI-E1x internal mini PCI Express socket with SIM socketPCI-1041x Internal PCI-104 socketPower SupplyDC InputBuilt-in 8-28 VDC DC inputInput Connector1x 4-pin pluggable terminal block with remote on/off control 1x DC jack (ø2.5) for AC/DC adapter inputMechanicalWeight2.7 Kg (including 2.5" HDD and DDR3 SODIIM)MountingWall-mount by mounting bracketEnvironmentalVorperating Temperature-25°C ~ 70°C (Nuvo-1005S-620M & Nuvo-1003S-520M) -25°C ~ 60°C (Nuvo-1005S-620M & Nuvo-1003S-520M) -25°C ~ 60°C (Nuvo-1003S-4500P)StorageTemperature-40°C extended temperature option is also available. Please contact Neousys for further information.StorageTemperature-40°C as S°CHumidity10%~90%, non-condensing (w SSD, according to IEC60068-2-64)ShcokOperating, 5 Grms, 5 Gloms, Fall-sine 11 ms Duration (w/ SSD, according to IEC60068-2-27)		
Mini PCI-E1x internal mini PCI Express socket with SIM socketPCI-1041x Internal PCI-104 socket <b>Power Supply</b> DC InputBuilt-in 8-28 VDC DC inputInput Connector1x 4-pin pluggable terminal block with remote on/off control 1 x DC jack (a2.5) for AC/DC adapter input <b>MechanicalMechanical</b> Weight240 mm (W) x 195 mm (D) x 76 mm (H)Weight2.7 Kg (including 2.5" HDD and DDR3 SODIMM)MountingWall-mount by mounting bracketEnvironmentalAmbient with air flow (> 0.5 m/s or 1.8 km/hr), 100% CPU loading* -25°C ~ 70°C (Nuvo-1003S-4500P)Ambient without air flow, 100% CPU loading* -25°C ~ 60°C (Nuvo-1003S-4500P)Ambient without air flow, 100% CPU loading* -25°C ~ 50°C (Nuvo-1003S-4500P)Advient without air flow, 100% CPU loading* -25°C ~ 50°C (Nuvo-1003S-4500P) -25°C ~ 60°C (Nuvo-1003S-4500P)Advient without air flow, 100% S-620M & Nuvo-1003S-520M) -25°C ~ 50°C (Nuvo-1003S-4500P)Advient without air flow, 100% CPU loading* -25°C ~ 50°C (Nuvo-1003S-4500P) -40°C extended temperature option is also available. Please contact Neousys for further information.StorageTemperature40°C ~ 85°CHumidity10%-90%, non-condensing Operating, 5 Grms, 5-500 Hz, 3 Axes (w/ SSD, according to IEC60068-2-64)ShcokOperating, 50 Grms, Half-sine 11 ms Duration (w/ SSD, according to IEC60068-2-27)	•	TX Type TCF Socket
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EMC CE/FCC Class A, according to EN 55022 & EN 55024		
	EMC	CE/FCC Class A, according to EN 55022 & EN 55024



