

DEWE2-M13 / M18

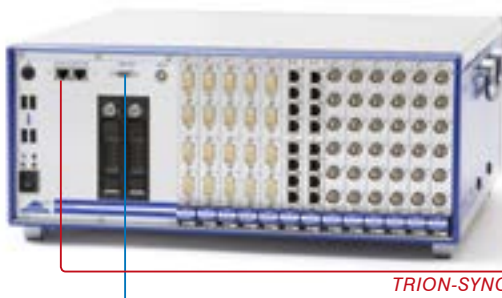
- 13/18 slots for TRION™ series modules
- Free PCI slots inside (DEWE2-M13 only)
- One internal hard disk and 2 bays for removable disks (DEWE2-M13 only)
- 19" rack-mountable or benchtop use



	DEWE2-M13	DEWE2-M18
Slots for TRION™ modules	13	18
Dynamic channel expansion	DEWE2 F-Series chassis or Ethernet	Ethernet
Quasi-static channel expansion	EPAD2 CPAD2 via TRION-CAN	CPAD2 via TRION-CAN
Main system ¹⁾		
Free slots (PCI, PCIe)	2 PCI, 1 PCIe x4, 1 PCIe x16	-
Data storage	1 TB hard disk 2 free 3.5" bays for further hard disks	120 GB solid state disk, optional up to 480 GB
Gap free storing rate	Typ. 80 MB/s ²⁾	Typ. 90 MB/s ²⁾
Power supply: rated (max.)	90 to 264 V _{AC}	90 to 264 V _{AC}
Display	no display	no display
Processor	Intel® Core™ i7	Intel® Core™ i5
RAM	4 GB	4 GB
Ethernet	2x 1 Gbit Ethernet	1 Gbit Ethernet
USB interfaces	8	2
FireWire® interface	optional	-
Keyboard/pointing device	external keyboard with touchpad	external keyboard with touchpad
Operating system	Microsoft® WINDOWS® 7	Microsoft® WINDOWS® 7
Dimensions (W x D x H) without feet	441 x 427 x 177 mm (4 u plus 1 u for cooling in cabinet required) (17.4 x 16.8 x 7 in.)	441 x 427 x 177 mm (4 u plus 1 u for cooling in cabinet required) (17.4 x 16.8 x 7 in.)
Weight	Typ. 13.0 kg (28.6 lb.)	Typ. 13.0 kg (28.6 lb.)
Power consumption without modules	Typ. 100 W	Typ. 100 W
Environmental specifications		
Operating temperature	0 to +50 °C, down to -20 °C with prewarmed unit	0 to +45 °C
Storage temperature	-20 to +70 °C	-20 to +70 °C
Humidity	10 to 90 % non cond., 5 to 95 % rel. humidity	10 to 90 % non cond., 5 to 95 % rel. humidity
Max. Altitude	2000 m (6560 ft)	2000 m (6560 ft)
Sine vibration (EN 60068-2-6)	Acceleration 20 m/s ² , Freq. 10 Hz - 150 Hz, Sweep 1 oct/min, 20 cycles	Acceleration 20 m/s ² , Freq. 10 Hz - 150 Hz, Sweep 1 oct/min, 20 cycles
Shock (EN 60028-2-27)	Acceleration 15 g, pulse length 11ms, pulse form half sine, 3 moves/direction, 6 directions	Acceleration 15 g, pulse length 11ms, pulse form half sine, 3 moves/direction, 6 directions
Random vibration (EN 60721-3-2)	Class 2M2 (spectral acceleration density 1 m ² /s ³ , Frequency range 10 Hz-200 Hz, duration 30 min/ direction)	Class 2M2 (spectral acceleration density 1 m ² /s ³ , Frequency range 10 Hz-200 Hz, duration 30 min/ direction)
¹⁾ Please find current specifications in the latest price list		
²⁾ Depends on the system configuration		

Channel Expansion

DEWE2-M13



DEWE2-F18



TRION-SYNC-bus

PCIe connection up to 7 meters

SYSTEM OPTIONS	
DW2-PS-AC-RED	Redundant 115 / 230 V _{AC} power supply for a DEWE2 system Applicable to DEWE2-M13, DEWE2-F13s and DEWE2-F18
DW2-M13-MK	19" mounting kit for the DEWE2-M13, 4U
UPGRADES for DEWE2-M13	
HDD-1000-SSD-120	Upgrade to 120 GB flash disk (replaces 1 TB harddisk), no moving parts, max. data throughput 40 MB/s
HDD-1000-SSD-240	Upgrade to 240 GB flash disk (replaces 1 TB harddisk), no moving parts, max. data throughput 40 MB/s
HDD-1000-SSD-480	Upgrade to 480 GB flash disk (replaces 1 TB harddisk), no moving parts, max. data throughput 40 MB/s
DW2-M13-BAY35-SATA	3.5" SATA removable drive bay for 2.5" harddisk or 2.5" flash disk
HDD-SATA-750-2.5	750 GB SATA harddisk 2.5"



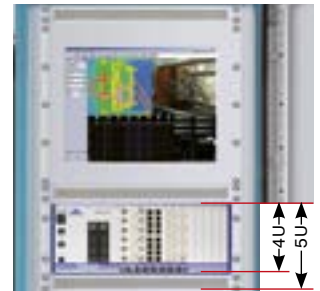
DEWE2-M13 with DW2-PS-AC-RED option



DEWE2-M13 with typical PCI slot configuration



DEWE2-M13 with 2x option DW2-M13-BAY35-SATA



DEWE2-M13 and DEWE-TFT19-RM
Rack-mounting 19" display
5 u required
(4 u = system + 1 u = cooling)

ACCESSORIES	
DEWE-TFT24-DT	24" desktop TFT monitor with resolution of 1920 x 1200
DEWE-TFT19-RM	Rack-mounting 9U industrial grade 19" display with resolution of 1280 x 1024

