

DEWE-808/DEWE-818

Industrial Portable PC

- Reliable PC technology
- Open architecture computer platform
- Removable HDD upgrades available
- 100 % burn-in tested
- Safe investment - easy to upgrade in future



DEWE-8x8 specifications

Available slots	DEWE-808	DEWE-818
PCI	4 full length, 32 bit	4 half length, 32 bit
PCI Express	3 PCI Express	3 PCI Express
Main system ¹⁾		
CPU board	ATX	
Processor	Intel® Core™ i5	
RAM	4 GB	
Hard disk	1000 GB	
Data throughput	Typ. 70 MB/s ²⁾	
Power supply (max.)	90 to 264 V _{AC}	
Display	-	
Ethernet	2x GBit LAN	
USB interfaces	4x USB 2	
FireWire® interface	1	
RS-232 interface	1	
Operating system	Microsoft® WINDOWS® 7	
Dimensions (W x D x H)	437 x 443 x 177 mm (17.2 x 17.4 x 7 in.)	437 x 304 x 177 mm (17.2 x 12 x 7 in.)
Weight	Typ. 10 kg (22 lb.)	Typ. 9 kg (20 lb.)
Environmental specifications		
Operating temperature	0 to +50 °C, down to -20 °C with prewarmed unit	
Storage temperature	-20 to +70 °C	
Humidity	10 to 80 % non cond., 5 to 95 % rel. humidity	
Vibration ³⁾	EN 60068-2-6, EN 60721-3-2 class 2M2	
Shock ³⁾	EN 60068-2-27	

¹⁾ Please find current specifications in the latest price list

²⁾ Depends on the system configuration

³⁾ Tested with Solid State Disk

The DEWE-808 is our benchtop or rack-mounting industrial PC, made the "DEWETRON way" - all metal construction, and built to demanding shock and vibration standards. The DEWE-808 model is a normal depth, and therefore accepts full length PCI cards, while the DEWE-818 is shorter in the rack, and therefore accepts only half size and smaller PCI cards

The systems are designed for both laboratory and rack-mount usage. High quality production of the systems is complemented by an attractive price.

System options and upgrades for DEWE-800 series**Options**

800-MK	19" mounting kit for the DEWE-800 series, 4U
FIREWIRE-1394	PCI FireWire® IEEE-1394 interface for the DEWE-800 series
800-DC-12V	Power supply 9 to 18 V _{DC} (no internal battery), max. output 300 W, Lemo EGJ.3B.302 for DC input, incl. external AC adaptor
800-DC-24V	Power supply 18 to 36 V _{DC} (no internal battery), max. output 300 W, Lemo EGJ.2B.302 for DC input, incl. external AC adaptor

Upgrades

HDD-1000-SSD-480	Upgrade to 480 GB flash disk (replaces 1000 GB hard disk), max. data throughput 100 MB/s
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Additional upgrades - for DEWE-808 only!

800-CPU-UP-I7	Upgrade of PC for DEWE-800 series consisting of mainboard with 4 PCI slots Intel® Core™ i7 processor 2.8 GHz and 4 GB RAM
BAY-5.25-SATA	5.25" SATA removable drive bay, standard height 43.2 mm / 1.70 in., no hard disk included, max. one drive bay per unit
HDD-3.5-SATA-1000	1000 GB SATA hard disk 3.5", for installation into a 5.25" removable drive bay
HDD-INT-MINUS	Remove the internal fixed hard disk

The DEWE-808 accepts an optional 3.5" removable hard disk, which is typically needed for classified work.

Another popular configuration is to keep the internal hard drive and add a removable extra drive for data storage.

**Option 800-DC-12V**

Internal 9 .. 18 V_{DC} power supply including external AC adaptor.

**800-MK**

19" mounting kit