

DEWE-5008

Industrial Portable PC

- Latest PC technology
- For the most demanding applications in aerospace and industrial computing
- Removable HDD upgrades available, up to 3 hard disks in total
- 100 % burn-in tested
- Safe investment - easy to upgrade in future



DEWE-5008 specifications	
Available slots	
PCI	5 full length, 32 bit
PCI Express	1 PCI Express 16x
Main system ¹⁾	
CPU board	ATX
Processor	Intel® Core™ i5 / i7
RAM	3 GB
Hard disk	1000 GB
Data throughput	Typ. 70 MB/s ²⁾
Storage drive	Internal DVD +/-RW burner
Power supply (max.)	90 to 264 V _{AC}
Display	17.3" full-HD TFT (1920 x 1080)
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)	460 x 351 x 192 mm (18.1 x 13.8 x 7.7 in.)
Weight	Typ. 14 kg (30 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⁾	MIL-STD 810F 514.5, procedure I
Shock ³⁾	MIL-STD 810F 516.5, procedure I
¹⁾ Please find current specifications in the latest price list ²⁾ Depends on the system configuration ³⁾ Tested with Solid State Disk	

DEWE-5008 industrial PCs are unique platforms with a lot of advantages. The rugged aluminium chassis allows uses under harshest environments.

There is a brilliant 17" full-HD TFT display and you can install up to five full-size PCI cards into this unit. USB connectors, Ethernet and DVD +/-RW drives are standard on these systems. For classified work you can add a removable HDD drive - or even two of it. The internal hard disk or solid state disk can stay additionally if required.

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

Available slots:

There are 7 available slots in total.

In the standard configuration the unit offers five full length PCI 32 bit, one full length PCI Express 16x.

DEWE-5008 system options and upgrades

Options	Description
FIREWIRE-1394	PCI FireWire IEEE-1394 interface for the DEWE-5000
5000-PS-BAT	Power supply 18 to 36 VDC (no internal battery), Lemo EGJ.3B.302 for DC input, incl. external AC adaptor
Upgrades	Description
HDD-1000-SSD-256	Upgrade to 256 GB flash disk (replaces 1000 GB hard disk), max. data throughput 40 MB/s
Removable drive bay options	
BAY-5.25-SATA-SLIM	5.25" SATA removable drive bay, low profile version 28.7 mm / 1.13 in., no hard disk included, up to two of these drive bays can be installed into one unit
HDD-3.5-SATA-1000	1000 GB SATA harddisk 3.5", for installation into a 5.25" removable drive bay
BAY-3.5-SATA	3.5" SATA removable drive bay, no hard disk included, max. one drive bay per unit
SSD-2.5-480	480 GB SATA solid state disk, for installation into a removable drive bay
HDD-SATA-1000	1000 GB SATA hard disk 2.5", for installation into a 3.5" removable drive bay
HDD-INT-MINUS	Remove the internal fixed hard disk

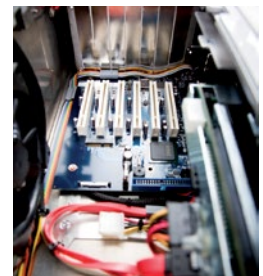
5000-PS-BAT**Optional battery power supply**

The DEWE-5000-PS-BAT option turns your DEWE-5000 into a fully battery powered instrument. Three hot-swappable batteries guarantee continuous operation without an external power source for up to 2 hours. Since this time depends a lot on the system configuration, a DEWESoft plugin shows the battery status directly in the software.



One or even two 3.5" removable hard disks can be installed into a DEWE-5008. In this case two PCI 32 bit slots and the PCI Express 16x slot are limited to half length. Still three PCI 32 bit slots remain full length.

As the DEWE-5008 is designed for field use, special care is taken in fixing the cards. Rugged guides for full-size cards and a fixing bar hold all installed cards in place safely.



The DEWE-5008 industrial computer even offers a removable panel on the right side for maximum OEM customization. It is quite popular to mount connectors like Lemo, SUB-D or Binder sockets here to e.g. have more rugged connectors like on the cards or provide power supply to some peripherals.



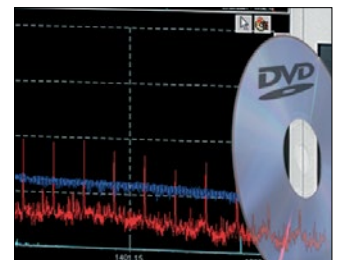
Option **BAT-CHARGER-1** and **BAT-CHARGER-4**



Option **5000-DC-12V**
Internal 9 .. 18 V_{DC} power supply
including external AC adaptor.



The carrying bag is included as
standard accessory



DVD-BURNER
for data backup to DVD or CD