

# DEWE-2608

## Industrial Portable PC

- Latest PC technology
- Fully battery powered (optional)
- For the most demanding applications in aerospace and industrial computing
- Removable HDD, additional internal SSD system disk available
- Safe investment - easy to upgrade in future



### DEWE-2608 specifications

#### Available slots

Slots	6 full length, 32 bit PCI 1 half length, 32 bit PCI 1 half length PCIe 4x
<b>Main system <sup>1)</sup></b>	
CPU board	Mini-ITX
Processor	Intel® Core™ i5 / i7
RAM	4 GB
Hard disk	1 TB removable
Data throughput	Typ. 80 MB/s <sup>2)</sup>
Storage drive	Internal DVD +/-RW burner
Power supply (max.)	90 to 264 V <sub>AC</sub>
Display	15.4" TFT (1280 x 800)
Ethernet	2 x GBit LAN
USB interfaces	4 x USB 2
Firewire interface	1
RS-232 interface	1
Operating system	Microsoft® WINDOWS® 7
Dimensions (W x D x H)	417 x 246 x 303 mm (16.4 x 9.7 x 11.9 in.)
Weight	Typ. 11 kg (24 lb.)
<b>Environmental specifications</b>	
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 <sup>3)</sup>	MIL-STD 810F 514.5, procedure I
Shock <sup>3)</sup>	MIL-STD 810F 516.5, procedure I

<sup>1)</sup> Please find current specifications in the latest price list

<sup>2)</sup> Depends on the system configuration

<sup>3)</sup> Tested with Solid State Disk

DEWE-2608 industrial PCs are unique platforms with a lot of advantages. The rugged aluminium chassis allows uses under harshest environments.

There is a brilliant 15" TFT display and you can install up to six full-size PCI cards into this unit. USB connectors, Ethernet and DVD +/-RW drives are standard on these systems. For classified work there is a removable HDD drive. An internal solid state disk for Windows operating system can be added additionally.



Removable hard disk

DEWE-2608 system options and upgrades	
Options	Description
DISP-15-TOUCH	Touchscreen for 15" display
2600-FIREWIRE	PCI Express FireWire® interface for the DEWE-2608
2600-PS-BAT	Battery power supply with UPS function, 18 .. 24 V <sub>DC</sub> non-isolated input, incl. external AC power supply DEWE-POW-24-350, 3 slots for hot-swappable batteries, 3 batteries for appr. 3 hours operation included, for DC operation always add DEWE-DCDC-24-300-ISO
DEWE-DCDC-24-300-ISO	External DC/DC converter with isolation, 9 to 36 V <sub>DC</sub> input range, Lemo EGJ.3B.302, incl. 2 m cable to banana jacks, 24 V <sub>DC</sub> output, 300 W, Lemo EGG.2B.302 socket
BAT-95-WH	Lithium-Ion battery, 14.4 V, 95Wh, max. 8A
BAT-CHARGER-1	Desktop battery charger for 1 battery, incl. external AC adaptor
BAT-CHARGER-4	Desktop battery charger for 4 batteries, incl. external AC adaptor
PS-BAT-REMOTE-ON	Special add-on for the battery power supply, one extra connection with a wake-up signal is needed to the power supply input of the unit, allows to automatically turn on the instrument when the ignition of the car is turned on, also turns off the instrument when the car is turned off
Upgrades	Description
HDD-1000-SSD-480	Upgrade to 480 GB flash disk (replaces 1 TB hard disk), max. data throughput 100 MB/s
HDD-REM-1000	Spare removable hard disk, 1 TB
2600-SYSTEM-SSD-120	Additional internal SSD 120 GB for Windows, the removable hard disk remains



**2600-PS-BAT**  
**Optional battery power supply**

*This option turns your DEWE-2608 into a fully battery powered unit. The hot-swappable batteries guarantee continuous operation without an external power source. The instrument can be operated for up to 3 hours with 3 batteries (BAT-95WH) installed. Since this time depends a lot on the system configuration software tool shows the battery status. Operating temperature is limited to 0 .. 45° C when batteries are charged.*

**Available PCI slots**



**Available slots**  
8 available PCI slots in total



Rugged guides for full-size cards and a fixing bar hold all installed cards in place safely.



**2600-SYSTEM-SSD-120**  
Additional internal Solid State Disk



**DEWE-DCDC-24-300-ISO**  
Isolated DC power supply, needed to operate units with 2600-PS-BAT option from DC