

nMed Series



nMed
Terminal

- Compact and rugged design in V2A stainless steel housing
- Completely sealed – rated up to IP69k (NEMA 6)
- DIN EN 60601-1 and DIN EN 60601-1-2 certified
- Efficient cleaning and disinfection – no gaps and joints
- Simple connection of various peripheral devices
- Sanitary integration due to a swingarm mounting
- 20 freely programmable function keys
- Easy operation via integrated touch panels



nmax[®]
Technologies

Technical Data nMed Series

● standard ○ optional – not available

	Type	S15G2			S19		
		Board Version	N8T	N8B	N8C	N8T	N8B
Enclosure	Completely sealed, no external fan	●	●	●	●	●	●
	Material: V2A stainless steel (1.4301) polished	●	●	●	●	●	●
	Dimensions: 418x360x133 mm ³ (WxHxD) – approx. 14.2 kg	●	●	●	●	●	●
	Dimensions: 498x438x136 mm ³ (WxHxD) – approx. 21.5 kg	–	–	–	–	–	–
Display	38.1 cm / 15.0" TFT Display XGA (1024x768) – 450 cd/m ²	●	●	●	–	–	–
	48.3 cm / 19.0" TFT Display SXGA (1280x1024) – 300 cd/m ²	–	–	–	●	●	●
Touch	Resistive Analog Touch Screen	●	●	●	●	●	●
	Protective film for touch screen	○	○	○	○	○	○
CPU	Intel® Celeron® M 800 MH	●	–	–	●	–	–
	Intel® Celeron® M 1.0 GHz (512kB Cache)	–	●	–	–	●	–
	Intel® Pentium® M 1.4 GHz (2MB Cache)	–	–	●	–	–	●
Memory	1 GB	●	●	●	●	●	●
	2 GB	–	○	○	–	○	○
	1 SO-DIMM socket	●	–	–	●	–	–
	2 SO-DIMM sockets	–	●	●	–	●	●
Graphics controller	Intel® 3D Graphics controller 852GM, max. 64 MB	●	–	–	●	–	–
	Intel® 3D Graphics controller 855GME, max. 64 MB	–	●	●	–	●	●
Network	Intel® 82551QM 10/100 MBit	●	–	–	●	–	–
	Intel® 82541PI 10/100/1000 MBit	–	–	–	–	–	–
	Wireless LAN	○	○	○	○	○	○
Hard Disk	80 GB, optional SSD	●	●	●	●	●	●
Interfaces	RS232 (COM 1, COM 2)	●	●	●	●	●	●
	RS232 galv. isolated, RS422/485 (COM 1, COM 2)	○	○	○	○	○	○
	LPT (ECP, EPP or SPP compatible)	○	○	○	○	○	○
	4 x USB 2.0 (additional 1 x USB 2.0 internal)	●	●	●	●	●	●
	Ethernet Network (RJ 45)	●	●	●	●	●	●
	Monitor DVI-A (VGA only, via adaptor)	●	–	–	●	–	–
	Monitor DVI-I (VGA via adaptor)	–	–	–	–	–	–
	2 x FireWire 400	–	–	–	–	–	–
	PS/2 Keyboard, Mouse via Y cable	●	●	●	●	●	●
	Expansions/Slots	CompactFlash Slot (Typ II)	●	●	●	●	●
Mini PCI		●	●	●	●	●	●
2 x PCI Slot (200 mm long)		–	●	●	–	●	●
Special Functions	Microcontroller (monitoring, control, evaluation)	●	●	●	●	●	●
	Automatic brightness control	●	●	●	●	●	●
	Automatic temperature monitoring	●	●	●	●	●	●
	Automatic voltage monitoring	●	●	●	●	●	●
	Touch controller (panel control and readjustment)	●	●	●	●	●	●
	MCU setup	●	●	●	●	●	●
	20 function keys	●	●	●	●	●	●
Potential equalizing bolt	●	●	●	●	●	●	
Input Voltage	24 VDC (18–30 VDC)	○	○	○	○	○	○
	100–240 VAC (internal power supply)	●	●	●	●	●	●
Environment	IP65 (NEMA 4) (depends on connector cover)	○	○	○	○	○	○
	IP67 (NEMA 6) (depends on connector cover)	○	○	○	○	○	○
	IP69k (NEMA 6) (depends on connector cover)	○	○	○	○	○	○
	Operating temperature range 0° bis 40° Celsius	●	●	●	●	●	●
	with extended op. temp. range –30° to 45° Celsius	○	○	○	○	○	○
	Storage –30° to 60° Celsius	●	●	●	–	–	–
Storage temperature –20° to 60° Celsius (–30°C with extend. op. temp.)	–	–	–	●	●	●	
Mark of Conformity	CE, FCC	●	●	●	●	●	●
	Certified according to DIN EN 60601-1 and DIN EN 60601-1-2	●	●	●	●	●	●
Operating Systems	Windows® 7, XP, 2000, NT, Embedded	○	○	○	○	○	○
Accessories	VESA 100 mounting	●	●	●	●	●	●
	Rittal Swingarm	○	○	○	○	○	○
	Stainless steel keyboard with holder	○	○	○	○	○	○
	USB service port (external, hygienic design)	○	○	○	○	○	○
	Wall mounting bracket	○	○	○	○	○	○
	Table stand	○	○	○	○	○	○
Stainless steel floorstand	○	○	○	○	○	○	

noax nMed industrial PCs offer first-class, certified quality for the medical field. They can easily be integrated to various environments, such as an operating room, hospital ward, sterilization room or holding area. Due to their robust and completely enclosed design according to IP69k, they are ideal for all areas where extremely high sanitation standards are required.



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