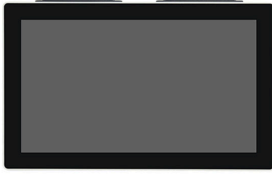


## 15.6-inch industrial Panel-PC with multi-touch function NuTAM-816CP



- 15.6" TFT LCD, 1920 x 1080 pixels
- projected capacitive touch
- Processor: Intel N97 processor Quad Core 2.0 GHz, Intel Atom x7425E Quad Core 1.5 GHz
- Fanless cooling system
- Horizontal viewing angle 170°, vertical 170°

<https://www.wachendorff-prozesstechnik.de/en/nutam-816cp>

### Description

The NuTAM-8C series from Apex is available with Intel N97 (Quad-Core 2.0 GHz) or Intel Atom x7425E (Quad-Core 1.5 GHz) processors and features a robust, fanless design with IP66/IP69K-certified stainless steel housing (SUS304). Available in display sizes of 15", 17" and 21.5", this series offers a high brightness of up to 1,000 cd/m<sup>2</sup> and a wide operating temperature range, depending on the display size. The devices have a projected capacitive multi-touch surface that enables precise operation. Thanks to the support for DDR5-4800 MHz SO-DIMM memory up to 32 GB and the integration of M.2 slots for SSDs, Wi-Fi/BT modules and LTE/5G connectivity, the NuTAM-8C Panel PCs are flexible and future-proof. The series is designed for demanding industrial environments and is ideal for factory automation, transportation, energy supply, healthcare and outdoor applications where reliability, performance and durability are crucial.

### Product details

Power supply:	9 VDC to 36 VDC
Display:	15.6" TFT LCD
Resolution:	Standard: 1920 x 1080 pixels Optional High Brightness: 1920 x 1080 pixels
Aspect ratio:	16:9
Brightness:	Standard: 350 cd/m <sup>2</sup> Optional High Brightness: 1000 cd/m <sup>2</sup>
Backlight:	Standard: 30,000 h Optional High Brightness: 50,000 h
Colors:	Standard: 16.2 M Optional High Brightness: 16.7 M
Reading angle:	Standard: H: 170° / V: 170° Optional High Brightness: H: 178° / V: 178°
Touch screen:	Projected capacitive touch
Processor:	Intel N97 processor, quad-core 2.0 GHz, 12 W Intel Atom x7425E, quad-core 1.5 GHz, 12 W
RAM:	1 x DDR5-4800 MHz SO-DIMM, up to 32 GB
SSD/HDD:	1 x M.2 2280 M-Key slot (SATA 3.0 and PCIe 3.0 x1), standard as SATA type 1 x 2.5" SATA3 SSD, optional

Interfaces:	USB: 1 x M12 8-pin for 2 x USB 2.0, with waterproof protective cap and retaining strap Serial: 1 x M12 8-pin for COM, RS-232/422/485 (standard: RS-232), with waterproof protective cap and retaining strap Ethernet: 1 x M12 8-pin for 2.5GbE-LAN, with waterproof protective cap and retaining strap Power supply: 1 x M12 3-pin Other: 1 x touch on/off button on the side
Extensions:	Optional I/O ports : 2 x M12 blind connectors for options (choose from the following): 2 x USB 2.0 1 x USB 3.2 Gen1 1 x 2.5GbE-LAN 1 x COM-Ports 1 x HDMI Expansion slots: 1 x M.2 2230 E-Key (PCIe x1, USB 2.0) for optional Wi-Fi/BT module 1 x M.2 2242/3402/3052 B-Key (PCIe x1, USB 3.2 Gen1, USB 2.0) for optional LTE/5G module
Housing:	SUS304 stainless steel housing (standard), SUS316 stainless steel housing (optional)
Assembly:	VESA mount 100 x 100, Yoke mount optional
Protection class:	IP66/IP69K
Dimensions (WxHxD):	396.8 x 246.2 x 49 mm
Weight:	6,06 Kg
Ambient conditions:	Operation: Standard: -20 °C to 60 °C (ambient temperature with airflow and WT RAM/SSD), High Brightness: 0 °C to 50 °C (ambient temperature with airflow) Storage: -30 °C to +70 °C Humidity: 10% to 95%. @ 40°C, non-condensing
Certifications:	CE/FCC Class A
Operating systems:	Windows 10 IoT Enterprise 2021 LTSC or later Windows 11 (21H2) or later

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Other:	TPM: Onboard TPM 2.0 Watchdog timer: 1 to 255 seconds (system) Wake-on-LAN: WOL supported
Scope of delivery:	Device 1 x power supply unit
Customs tariff number:	84715000
Manufacturer:	Aplex Technology Inc.

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**Products Order no.**

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NuTAM-816CP	15,6" industrial panel PC, projected capacitive touch
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**Accessories Order no.**

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KABM12ETH5	M12-A to RJ45, shielded, L=5m
KABM12ETH10	M12-A to RJ45, shielded, L=10m

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