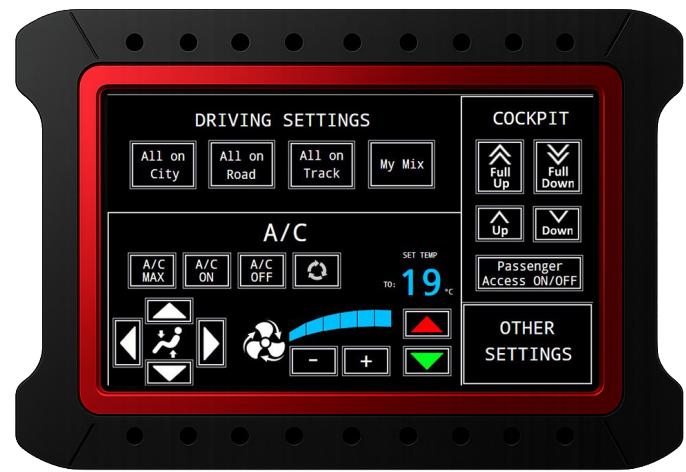


DASH - NT7



DASH NT7 – MULTITASKING DASHBOARD – FULL SUPERVISION AND CONTROL

The DASH NT7 is XAP's flagship display — a large-format, multitasking and interactive dashboard designed for complex test environments and advanced supervision systems. It integrates all of XAP's dashboard technology in a single unit capable of displaying, recording, and controlling multiple parameters simultaneously.

With its 7-inch high-definition touchscreen (optional), the NT7 allows operators to visualize dozens of channels in real time, plot live curves, and manage alarms or system modes directly from the screen. Its deep CAN integration, data logging, and optional 32-way connector make it a true command center for power benches, endurance campaigns, or dynamic testing.

Far beyond a passive display, the NT7 offers bidirectional communication with all connected modules (inverters, sensors, cooling systems) and can adjust parameters on the fly — for instance, changing speed targets, torque limits, or DC bus profiles directly via its interface.

A true concentrate of XAP's technology and know-how, the NT7 combines high performance, intuitive interaction, and industrial robustness.

YOU CAN EXPECT A HIGH-QUALITY PRODUCT WITH XAP TECHNOLOGY INSIDE!

WIDE SIZE BY XAP TECHNOLOGY !

A HIGH RESOLUTION DISPLAY:

Perfect readability in all environments. Light sensor included.

UP TO 16 FULLY CONFIGURABLE RGB LEDs:

Program your RPM Alert/Diag with our PC-software Dash Editor developed in-house

GPS FEATURE (OPTIONAL):

20Hz GPS integrated for Performance Analyser features.

MATHEMATICS CHANNELS INCLUDED:

Embedded maths channels and virtual channels.

FULLY DBC CAN READY:

Configurable for all ECUs and test systems.

WATERPROOF ALUMINUM HOUSING:

IP65, resistant to severe conditions (vibrations, shocks)

MODULAR CASING:

Also exists without casing for panel or rack integration.

EXTENDED CONNECTIVITY (OPTIONAL):

With 37-way connector extra: x1 additional CAN bus, x2 LIN, x1 RS485, Ethernet, WiFi, additional analog and digital inputs.

DIGITAL TOUCHSCREEN (OPTIONAL):

A dashboard with integrated switch panel.

ONE DEVICE WITH MULTIPLE APPLICATIONS:

Motorsport, simulation, industrial monitoring system, engine and vehicle test benches, IoT and smart telemetry platforms.

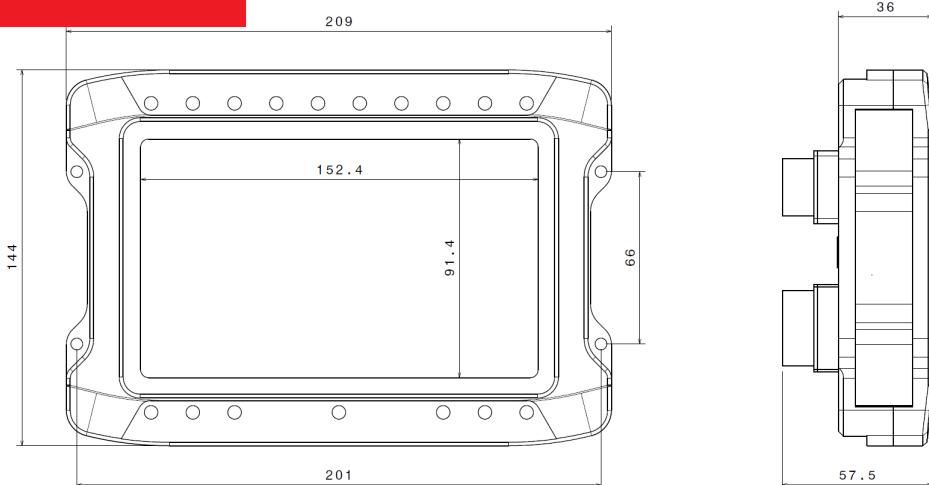


MORE INFORMATION ON WWW.XAP.FR



► DASHBOARDS: NT7

DIMENSIONS



TECHNICAL SPECIFICATIONS

| | |
|------------------------|--|
| Power supply | 8 - 70V 500 mA nominal voltage 1,8 A max voltage |
| Screen / resolution | 7' TFT screen sunlight readable 800 x 480 px |
| Light sensor | Yes : day/night mode available |
| RPM Alert / Diag | 16 RGB LEDs (programmable) |
| CAN communication | up to 2 CAN bus + 2 configurable via software |
| Communication protocol | USB |
| Analogic inputs | 18 (can be used as a switch) |
| Digital inputs | 4 (can be used as a frequency) |
| Compatibility | Fully DBC CAN ready – configurable for multiple ECUs |
| Compliance | EMC compliance - automotive standards |

MECHANICAL SPECIFICATIONS

| | |
|-------------------|--------------------------------|
| Dimensions | 210 x 145 x 58 mm |
| Weight | 420 g (without casing) |
| Waterproof | IP65 |
| Temperature range | -20°C to 80°C |
| Resistance | Shock and vibration > 30 G RMS |
| Casing | Self-supporting casing |

AVAILABLE OPTIONS

| | |
|-----------------|--|
| GPS & data sync | GPS 20 Hz: Enables performance analyser + tripmaster for Race or Rally |
| Data Logging | Data Logger 8 GB - CSV export |
| Connectivity | 37 track connector : 2 LIN, 1 RS485, 32 analogic inputs, 12 digital inputs Ethernet, WiFi, Bluetooth |
| Race analysis | Performance Analyser (with GPS) |
| Race analysis | Odometer / Tripmaster |
| Connectivity | Start loom & Table loom |
| Configuration | Custom configuration, PC Tool |
| Sim Racing | Compatible with simulators |

REFERENCES

| | |
|--------|---|
| PF0679 | DASH NT7 STANDARD |
| PF0678 | DASH NT7 WITH GPS & 37-WAY CONNECTOR |
| PF0691 | DASH NT7 STANDARD - WITHOUT CASING |
| PF0692 | DASH NT7 WITH GPS & 37-WAY CONNECTOR - WITHOUT CASING |
| PF0698 | OPTION TOUCH SCREEN |
| PF0339 | OPTION DATA LOGGING |
| PF0436 | OPTION PERFORMANCE ANALYSER |
| PF0587 | OPTION TRIPMASTER |