

N-touch

SCHERMI TOUCHSCREEN E DISPOSITIVI HMI

I dispositivi N-touch HMI sono soluzioni potenti, durevoli e affidabili, che rispondono in modo impeccabile alle esigenze e alle sfide di una varietà di settori e ambienti. Si adattano perfettamente a utilizzi in comunicazione, vendita al dettaglio e industriale.



N-and
VENDING AHEAD ▶

Tecnologia a portata di mano

I dispositivi HMI di N-and offrono dispositivi pronti all'uso per un'integrazione facile e rapida. Sono completamente personalizzabili per soddisfare requisiti specifici in diverse applicazioni industriali, commerciali e manifatturiere.

Che si tratti di adattare prodotti esistenti nel nostro portfolio con le funzionalità da te scelte per esigenze urgenti o di progettare una soluzione completamente nuova basata sulle tue specifiche, offriamo servizi di personalizzazione completi, dalla meccanica all'elettronica allo sviluppo di servizi digitali cloud-based.

CARATTERISTICHE PRINCIPALI

- Design moderno e robusto
- Pannello tattile proiettivo capacitivo
- Display ad alta risoluzione per applicazioni industriali e commerciali
- Vetro di sicurezza o Gorilla Glass™
- Processori Intel®
- Supporto Windows e Linux OS
- Connettività 4G/LTE, LAN, Wi-Fi, Bluetooth
- Conformità agli standard internazionali



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N-TOUCH 8 INTERACTIVE USER INTERFACE



INTEL® CHERRY TRAIL
-X5 1.84GHZ CPU



4G LPDDR3 RAM



CPU

Intel® Cherry Trail
-x5 1.84Ghz
Thermal Sink no fan required



SIZE & WEIGHT

127 x 195 x 18 mm
508G



OS

Ubuntu 18.04



RAM & ROM

4G LPDDR3 RAM
Flash 32G eMMC ROM



TOUCH PANEL

5 point capacitive touch



GRAPHIC

Intel® UHD Graphics



POWER

No switch -
@ POWER ON



GLASS

3.2mm Safety Glass



LCD

8"1280x800TFT,
310nits



LED LIFE

Min 20000 Hours



NETWORK

Wi-Fi
Bluetooth



UART

1 (1.8V)



POWER DC

5 VDC Power
Supply Included



USB

2 x 2.0 (External)



SPEAKER & MIC

2W (R/L)
1x Analog MIC



MECHANICAL

Aluminium frame



OPERATING TEMP

-10 / +60 [°C]



STORAGE TEMP

-20 / +70 [°C]

N-TOUCH 10 INTERACTIVE USER EDGE INTERFACE




RK3568 ARM QUAD-CORE
ARM CORTEX-A55


2GB DDR4 RAM



CPU

RK3568 ARM quad-core
ARM Cortex-A55

Thermal Sink no fan required



SIZE & WEIGHT

252mm(H) x 172mm(W) x
40mm(D)
1170g



OS

Linux YOCTO / Android



RAM & ROM

2GB DDR4 RAM
8GB eMMC ROM



CAMERA

1x 2592 x 1944px
68 deg



GRAPHIC

Arm Mali-G52



TOUCH PANEL

PCAP Multitouch



GLASS

4mm Tempered
Safety Glass



LCD

10.1"1920x1200
400nits



LED LIFE

Min 30000 Hours



NETWORK

2x Gigabit Ethernet
Dual Wi-Fi on board
BLE 4.2 (on Board)



INTERFACES

2x USB
1x CAN
1x RS232
1x RS485



POWER DC

12Vdc Power Supply
Included



4G/LTE

MPCIe with nano Sim CARD
on board (MODEM is OPTIONAL)



SPEAKER & MIC

1x 1W
1x Analog MIC



MECHANICAL

Aluminium frame



OPERATING TEMP

-20 / +70 [°C]



STORAGE TEMP

-30 / +80 [°C]

N-TOUCH 10 PLUS EDGE HMI



**INTEL ATOM® X6413E/
E3950/N100 CPU**



**4GB RAM WITH
8GB OPTION**



CPU

Intel Atom® x6413E/
E3950/N100

Thermal Sink no fan required



SIZE & WEIGHT

252mm(H) x 172mm(W) x
40mm(D)
1170g



OS

Linux UBUNTU



RAM & ROM

4GB RAM with 8GB option
32GB eMMC with 64Gb option



CAMERA

1x 2592 x 1944px
68 deg



GRAPHIC

Intel® UHD Graphics
for 10th Gen Intel®
Processors



TOUCH PANEL

PCAP Multitouch



GLASS

4mm Tempered
Safety Glass



LCD

10.1"1920x1200
400nits



LED LIFE

Min 30000 Hours



NETWORK

Ethernet 1000
Wi-Fi dual band on M.2
BLE on M.2



INTERFACES

1x USB 3.0 High Speed (External)
2x USB 2.0 (External)
1x USB Type C (External) with DP
(for second screen) and PD (9V)
4x Internal USB 3.0



POWER DC

12VDC Power Supply Included
No SWITCH - @ POWER ON
Additional reset button



4G/LTE

MPCIe with nano Sim CARD
on board (MODEM is OPTIONAL)



SPEAKER & MIC

1x 1W
1x Analog MIC



MECHANICAL

Aluminium frame



OPERATING TEMP

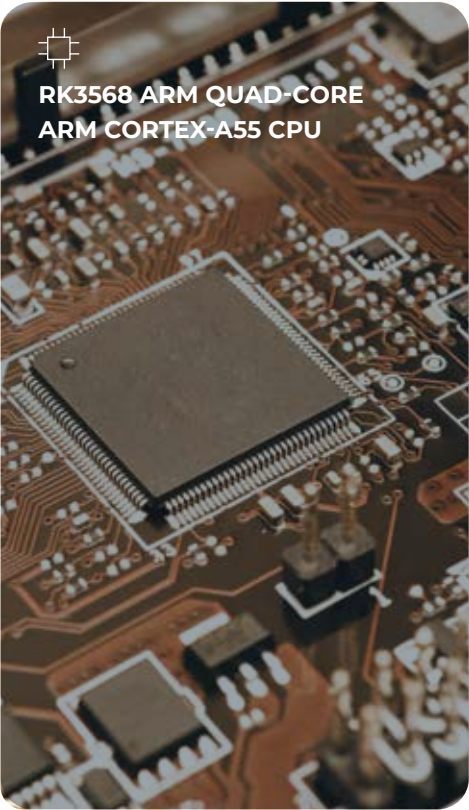
-20 / +80 [°C]



STORAGE TEMP

-30 / +85 [°C]

N-TOUCH 13 INTERACTIVE USER INTERFACE



CPU

RK3568 ARM quad-core
ARM Cortex-A55
Thermal Sink no fan required



SIZE & WEIGHT

319.4mm(H) x 205mm(W) x
32.2mm(D)
1200 (g)



OS

Linux YOCTO / Android



RAM & ROM

2GB DDR4 RAM
8GB eMMC



CAMERA

1x 2592 x 1944px
68 deg



GRAPHIC

Arm Mali-G52 GPU



TOUCH PANEL

PCAP Multitouch



GLASS

1.1mm Chemical
Tempered Safety



LCD

13.3"1920x1080
400nits



LED LIFE

Min 30000 Hours



NETWORK

2x Gigabit Ethernet
Dual Wi-Fi on board
BLE 4.2 (on Board)



INTERFACES

2x USB
1x CAN
1x RS232
1x RS485



POWER DC

12VDC Power Supply Included
Dual LED indication
No SWITCH - @ POWER ON



4G/LTE

MPCIe with nano Sim CARD
on board (MODEM is OPTIONAL)



SPEAKER & MIC

2x 1W
1x Analog MIC



MECHANICAL

Aluminium frame



OPERATING TEMP

-20 / +70 [°C]



STORAGE TEMP

-30 / +80 [°C]

N-TOUCH 13 PLUS EDGE HMI



**INTEL ATOM® X6413E/E3950/
N100 CPU**



**4GB RAM WITH
8GB OPTION**



CPU

Intel Atom® x6413E/
E3950/N100

Thermal Sink no fan required



SIZE & WEIGHT

319.4mm(H) x 205mm(W) x
32.2mm(D)
1200 (g)



OS

Linux UBUNTU



RAM & ROM

4GB RAM with 8GB option
32GB eMMC with 64Gb option



CAMERA

1x 2592 x 1944px
68 deg



GRAPHIC

Intel® UHD Graphics
for 10th Gen Intel®
Processors



TOUCH PANEL

PCAP Multitouch



GLASS

1.1mm Chemical
Tempered Safety



LCD

13.3"1920x1080
400nits



LED LIFE

Min 30000 Hours



NETWORK

Ethernet 1000
Wi-Fi dual band on M.2
BLE on M.2



INTERFACES

1x USB 3.0 High Speed (External)
2x USB 2.0 (External)
1x USB Type C (External) with DP
(for second screen) and PD (9V)
4x Internal USB 3.0



POWER DC

12VDC Power Supply Included
Dual LED indication
No SWITCH - @ POWER ON



4G/LTE

MPCIe with nano Sim CARD
on board (MODEM is OPTIONAL)



SPEAKER & MIC

2x 1W
1x Analog MIC



MECHANICAL

Aluminium frame



OPERATING TEMP

-20 / +80 [°C]



STORAGE TEMP

-30 / +85 [°C]

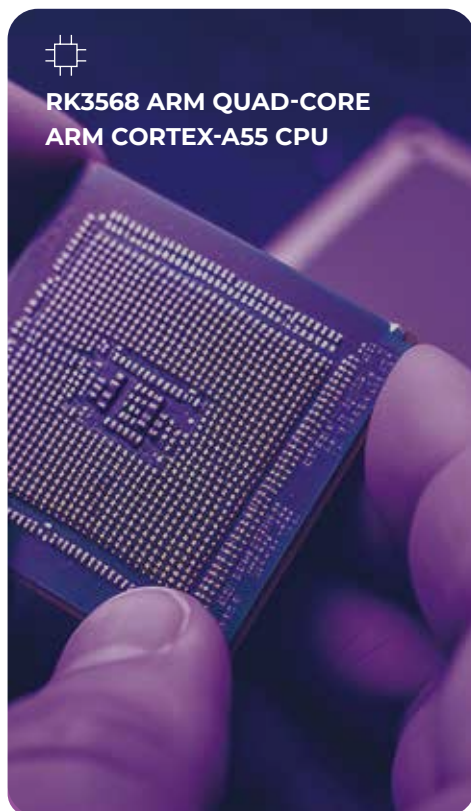
N-TOUCH 15 INTERACTIVE USER INTERFACE



**RK3568 ARM QUAD-CORE
ARM CORTEX-A55 CPU**



2GB DDR4 RAM



CPU

RK3568 ARM quad-core
ARM Cortex-A55

Thermal Sink no fan required



SIZE & WEIGHT

399mm(H) x 246mm(W) x
38.9mm(D)
2600 (g)



OS

Linux YOCTO / Android



RAM & ROM

2GB DDR4 RAM
8GB eMMC



CAMERA

1x 2592 x 1944px
68 deg



GRAPHIC

Arm Mali-G52 GPU



TOUCH PANEL

PCAP Multitouch



GLASS

4mm Tempered Safety
Glass with 45° edge cut



LCD

15.6"1920x1080
500nits



LED LIFE

Min 50000 Hours



NETWORK

2x Gigabit Ethernet
Dual Wi-Fi on board
BLE 4.2 (on Board)



INTERFACES

2x USB
1x CAN
1x RS232
1x RS485



POWER DC

12VDC Power Supply Included
Dual LED indication
No SWITCH - @ POWER ON



4G/LTE

MPCIe with nano Sim CARD
on board (MODEM is OPTIONAL)



SPEAKER & MIC

2x 1W
1x Analog MIC



MECHANICAL

Aluminium frame



OPERATING TEMP

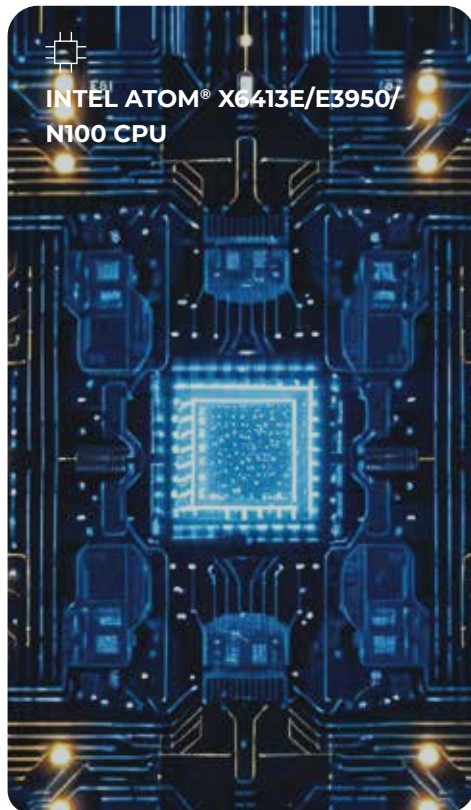
-20 / +70 [°C]



STORAGE TEMP

-30 / +80 [°C]

N-TOUCH 15 PLUS EDGE HMI



CPU

Intel Atom® x6413E/
E3950/N100

Thermal Sink no fan required



SIZE & WEIGHT

399mm(H) x 246mm(W) x
38.9mm(D)
2600 (g)



OS

Linux UBUNTU



RAM & ROM

4GB RAM with 8GB option
32GB eMMC with 64Gb option



CAMERA

1x 2592 x 1944px
68 deg



GRAPHIC

Intel® UHD Graphics
for 10th Gen Intel®
Processors



TOUCH PANEL

PCAP Multitouch



GLASS

4mm Tempered Safety Glass
with 45° edge cut



LCD

15.6"1920x1080
500nits



LED LIFE

Min 50000 Hours



NETWORK

Ethernet 1000
Wi-Fi dual band on M.2
BLE on M.2



INTERFACES

1x USB 3.0 High Speed (External)
2x USB 2.0 (External)
1x USB Type C (External) with DP
(for second screen) and PD (9V)
4x Internal USB 3.0



POWER DC

12VDC Power Supply Included
Dual LED indication
No SWITCH - @ POWER ON
Additional reset button



4G/LTE

MPCIe with nano Sim CARD
on board (MODEM is OPTIONAL)



SPEAKER & MIC

2x 1W
1x Analog MIC



MECHANICAL

Aluminium



OPERATING TEMP

-20 / +80 [°C]



STORAGE TEMP

-30 / +85 [°C]

N-TOUCH 15 PLUS EDGE HMI OUTDOOR



**SCHERMO TOUCH
UV RESISTENTE**



**ELEVATA LUMINOSITÀ PER
UNA MIGLIORE VISIBILITÀ
ALL'APERTO**



CPU

Intel Atom® x6413E/
E3950/N100

Thermal Sink no fan required



SIZE & WEIGHT

399mm(H) x 246mm(W) x
38.9mm(D)
2800 (g)



OS

Linux UBUNTU



RAM & ROM

4GB RAM with 8GB option
32GB eMMC with 64Gb option



CAMERA

1x 2592 x 1944px
68 deg



GRAPHIC

Intel® UHD Graphics
for 10th Gen Intel®
Processors



TOUCH PANEL

PCAP Multitouch



GLASS

AR Laminated heat insulating
Tempered Safety Glass



LCD

15.6"1920x1080
1000nits



LED LIFE

Min 30000 Hours



NETWORK

Ethernet 1000
Wi-Fi dual band on M.2
BLE on M.2



INTERFACES

1x USB 3.0 High Speed (External)
2x USB 2.0 (External)
1x USB Type C (External) with DP
(for second screen) and PD (9V)
4x Internal USB 3.0



POWER DC

12VDC Power Supply Included
Dual LED indication
No SWITCH - @ POWER ON
Additional reset button



4G/LTE

MPCIe with nano Sim CARD
on board (MODEM is OPTIONAL)



SPEAKER & MIC

2x 1W
1x Analog MIC



MECHANICAL

TP and Display detached
with Air cushion with
optional airflow fans



OPERATING TEMP

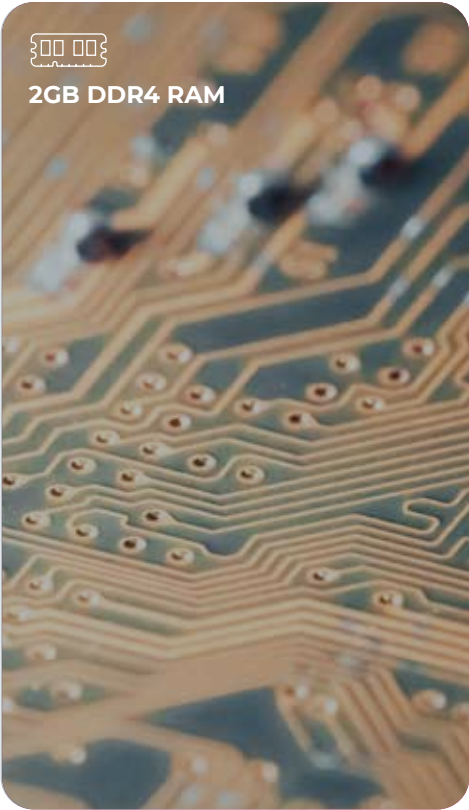
-20 / +80 [°C]



STORAGE TEMP

-30 / +85 [°C]

N-TOUCH 21 INTERACTIVE USER INTERFACE



CPU

RK3568 ARM quad-core
ARM Cortex-A55
Thermal Sink no fan required



SIZE & WEIGHT

534mm(H) x 332mm(W) x
43.7mm(D)
7000 (g)



OS

Linux YOCTO / Android



RAM & ROM

2GB DDR4 RAM
8GB eMMC



MECHANICAL

Aluminium frame



GRAPHIC

Arm Mali-G52 GPU



TOUCH PANEL

PCAP Multitouch



GLASS

4mm Tempered Safety Glass



LCD

21.5"1920x1080
300nits



LED LIFE

Min 30000 Hours



NETWORK

2x Gigabit Ethernet
Dual Wi-Fi on board
BLE 4.2 (on Board)



INTERFACES

2x USB
1x CAN
1x RS232
1x RS485



POWER DC

12VDC Power Supply Included
Dual LED indication
No SWITCH - @ POWER ON



4G/LTE

MPCIe with nano Sim CARD
on board (MODEM is OPTIONAL)



SPEAKER & MIC

2x 1W
1x Analog MIC



TEMPERATURA DI LAVORO

-20 / +70 [°C]



STORAGE TEMP

-30 / +80 [°C]

N-TOUCH 21 PLUS EDGE HMI



**INTEL ATOM® X6413E/E3950/
N100 CPU**



**4GB RAM WITH
8GB OPTION**



CPU

Intel Atom® x6413E/
E3950/N100

Thermal Sink no fan required



SIZE & WEIGHT

534mm(H) x 332mm(W) x
43.7mm(D)
7000 (g)



OS

Linux UBUNTU



RAM & ROM

4GB RAM with 8GB option
32GB eMMC with 64Gb option



MECHANICAL

Aluminium frame



GRAPHIC

Intel® UHD Graphics
for 10th Gen Intel®
Processors



TOUCH PANEL

PCAP Multitouch



GLASS

4mm Tempered Safety Glass



LCD

21.5"1920x1080
300nits



LED LIFE

Min 30000 Hours



NETWORK

Ethernet 1000
Wi-Fi dual band on M.2
BLE on M.2



INTERFACES

1x USB 3.0 High Speed (External)
2x USB 2.0 (External)
1x USB Type C (External) with DP
(for second screen) and PD (9V)
4x Internal USB 3.0



POWER DC

12VDC Power Supply Included
Dual LED indication
No SWITCH - @ POWER ON
Additional reset button



4G/LTE

MPCIe with nano Sim CARD
on board (MODEM is OPTIONAL)



SPEAKER & MIC

2x 1W
1x Analog MIC



OPERATING TEMP

-20 / +80 [°C]



STORAGE TEMP

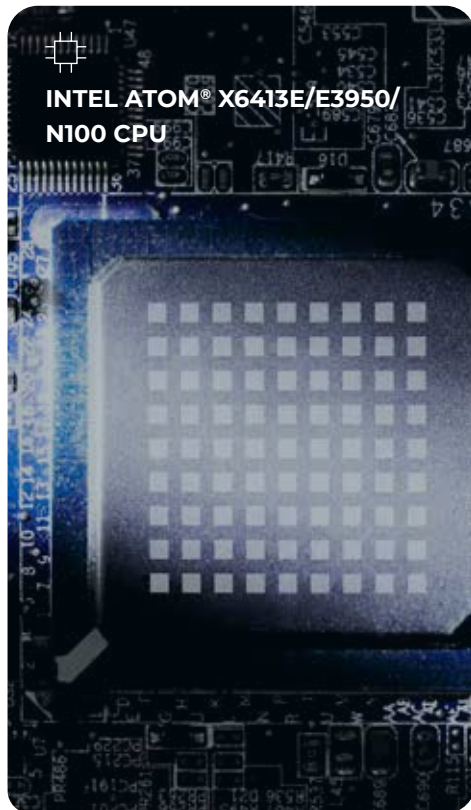
-30 / +85 [°C]



OTHER

1xRS232
12 programmable I/O
CAN/RS485

N-TOUCH 21 PLUS EDGE HMI MIRROR



**INTEL ATOM® X6413E/E3950/
N100 CPU**



**SCHERMO TOUCH ELEGANTE
CON SPECCHIO INTEGRATO:
PERFETTO PER SETTORE
ALBERGHIERO E ASCENSORI**



CPU

Intel Atom® x6413E/
E3950/N100

Thermal Sink no fan required



SIZE & WEIGHT

534mm(H) x 332mm(W) x
43.7mm(D)
7000 (g)



OS

Linux UBUNTU



RAM & ROM

4GB RAM with 8GB option
32GB eMMC with 64Gb option



MECHANICAL

Aluminium frame



GRAPHIC

Intel® UHD Graphics
for 10th Gen Intel®
Processors



TOUCH PANEL

PCAP Multitouch



GLASS

4mm Tempered Safety
Mirror Glass



LCD

21.5"1920x1080
250nits



LED LIFE

Min 30000 Hours



NETWORK

Ethernet 1000
Wi-Fi dual band on M.2
BLE on M.2



INTERFACES

1x USB 3.0 High Speed (External)
2x USB 2.0 (External)
1x USB Type C (External) with DP
(for second screen) and PD (9V)
4x Internal USB 3.0



POWER DC

12VDC Power Supply Included
Dual LED indication
No SWITCH - @ POWER ON
Additional reset button



4G/LTE

MPCIe with nano Sim CARD
on board (MODEM is OPTIONAL)



SPEAKER & MIC

2x 1W
1x Analog MIC



OPERATING TEMP

-20 / +80 [°C]



STORAGE TEMP

-30 / +85 [°C]



OTHER

1xRS232
12 programmable I/O
CAN/RS485

N-TOUCH 32 PLUS EDGE HMI



**INTEL ATOM® X6413E/E3950/
N100 CPU**



**4GB RAM WITH
8GB OPTION**



CPU

Intel Atom® x6413E/
E3950/N100

Thermal Sink no fan required



SIZE & WEIGHT

787mm(H) x 482mm(W) x
62.85mm(D)
14700 (g)



OS

Linux UBUNTU



RAM & ROM

4GB RAM with 8GB option
32GB eMMC with 64Gb option



MECHANICAL

Aluminium frame



GRAPHIC

Intel® UHD Graphics
for 10th Gen Intel®
Processors



TOUCH PANEL

PCAP Multitouch



GLASS

4mm Tempered Safety
Mirror Glass



LCD

31.5"1920x1080
500nits



LED LIFE

Min 50000 Hours



NETWORK

Ethernet 1000
Wi-Fi dual band on M.2
BLE on M.2



INTERFACES

1x USB 3.0 High Speed (External)
2x USB 2.0 (External)
1x USB Type C (External) with DP
(for second screen) and PD (9V)
4x Internal USB 3.0



POWER DC

24VDC Power Supply Included
No SWITCH - @ POWER ON
Additional reset button
Battery Only RTC



4G/LTE

MPCIe with nano Sim CARD
on board – Internal Antenna
(MODEM is OPTIONAL)



SPEAKER & MIC

2x 1W
1x Analog MIC



OPERATING TEMP

-20 / +80 [°C]



STORAGE TEMP

-30 / +85 [°C]



OTHER

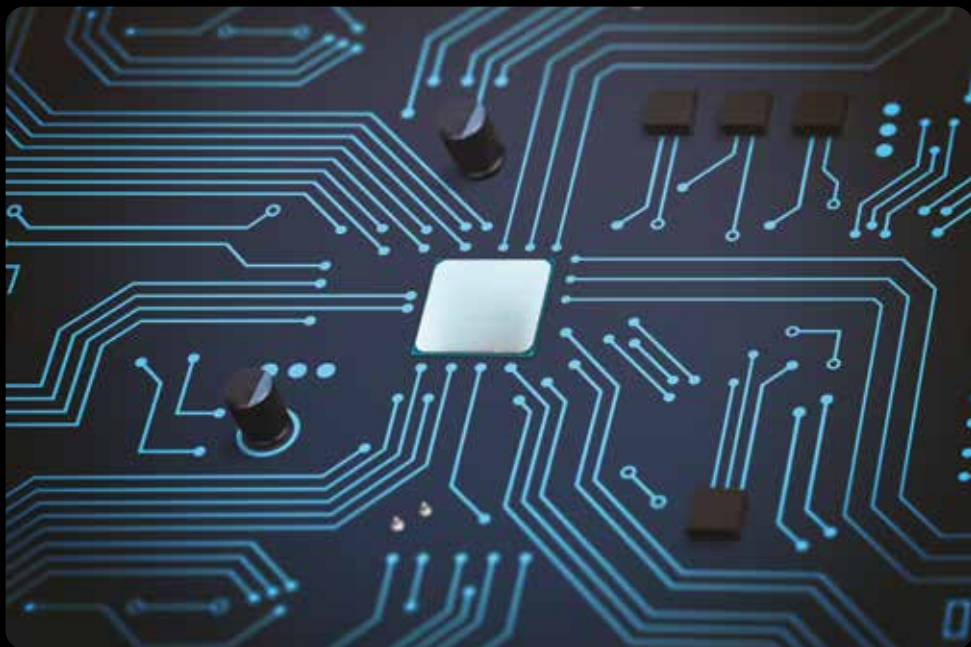
1xRS232
12 programmable I/O
CAN/RS485

I dispositivi HMI di N-and offrono dispositivi pronti all'uso per un'integrazione facile e rapida. Sono completamente personalizzabili per soddisfare requisiti specifici in diverse applicazioni industriali, commerciali e manifatturiere.



Che si tratti di adattare prodotti esistenti nel nostro portfolio con le funzionalità da te scelte per esigenze urgenti o di progettare una soluzione completamente nuova basata sulle tue specifiche, offriamo servizi di personalizzazione completi, dalla meccanica all'elettronica allo sviluppo di servizi digitali cloud-based.





INFO@N-ANDGROUP.COM

SCANSIONE SU VISITA IL NOSTRO SITO WEB
WWW.N-ANDGROUP.COM

