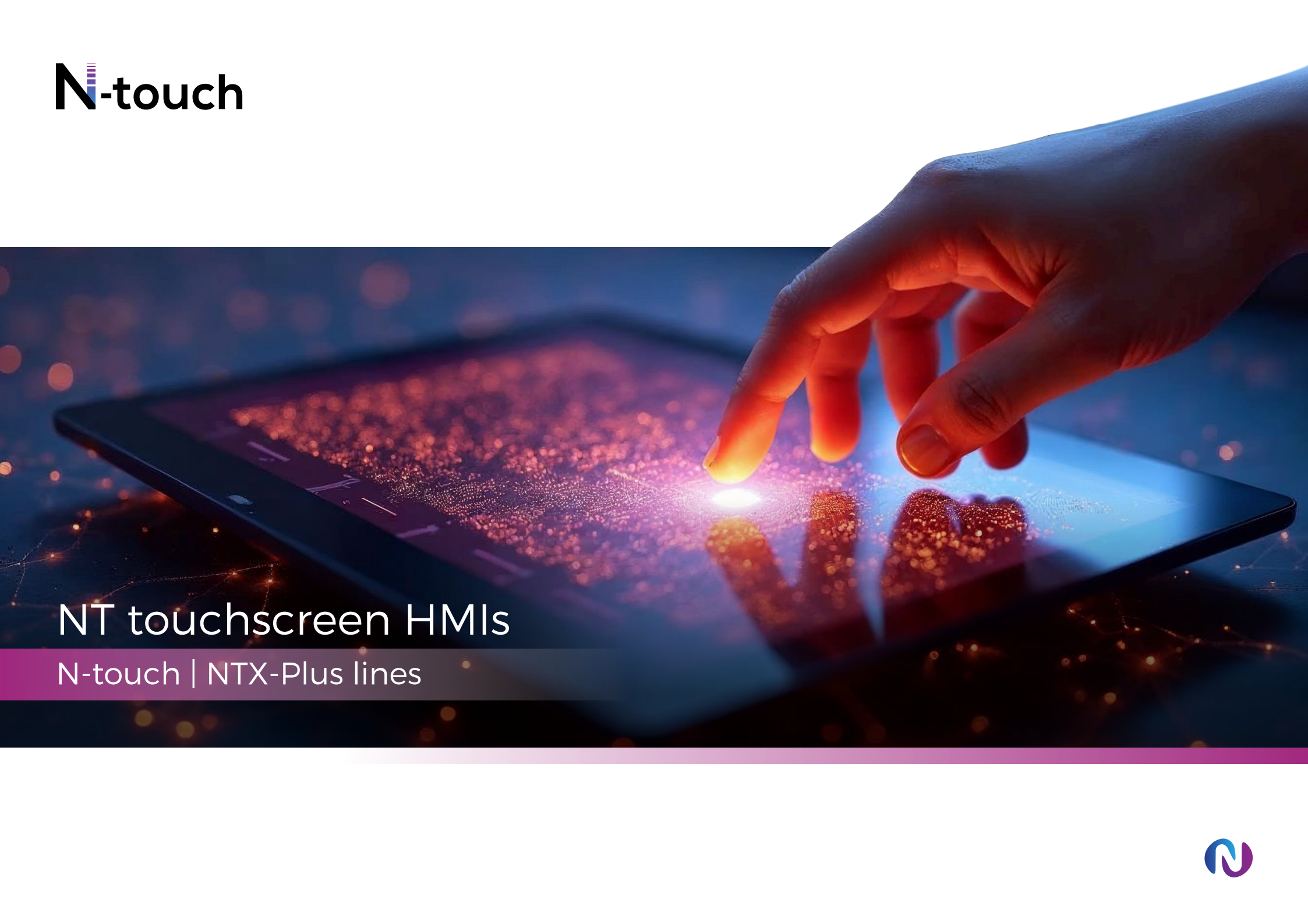


N-touch

A hand is shown interacting with a tablet. The tablet screen displays a complex, glowing particle simulation or data visualization. The background is dark with bokeh light effects. The hand is positioned over the screen, with fingers slightly spread, suggesting a touch or gesture interaction. The overall aesthetic is futuristic and technological.

NT touchscreen HMIs

N-touch | NTX-Plus lines



Disclaimer

All brand names, logos, and trademarks shown in this presentation are the property of their respective owners.

— Technology you can touch, performance you can trust

In today's connected world, interfaces define the experience.

The NT touchscreen HMIs bring clarity, control and reliability to every interaction — whether it's guiding users through a purchase, streamlining factory operations, or enabling smart services in outdoor environments.

With a design rooted in industrial-grade performance and cross-sector versatility, N-Touch is the trusted choice for OEMs, integrators and innovators who need technology that simply works — wherever it's deployed.

- ✓ High-resistance and high-visibility display.
- ✓ Industrial-grade PCAP touch.
- ✓ High-performance processing & full connectivity.
- ✓ Multiple sizes & mounting options.
- ✓ Linux®, Windows®, or Android® compatibility.



Connectivity at the core

From content delivery to analytics and device management, every N-Touch device is part of a unified platform designed to power smarter, data-driven experiences. Pursuing our mission to connect the unconnected.



Cashless payment systems

Seamless integration of contactless cards, mobile apps, NFC and QR-based payment systems.



Business Intelligence & User Analytics

Capture actionable insights through usage pattern monitoring, BI dashboards and behavior analytics.



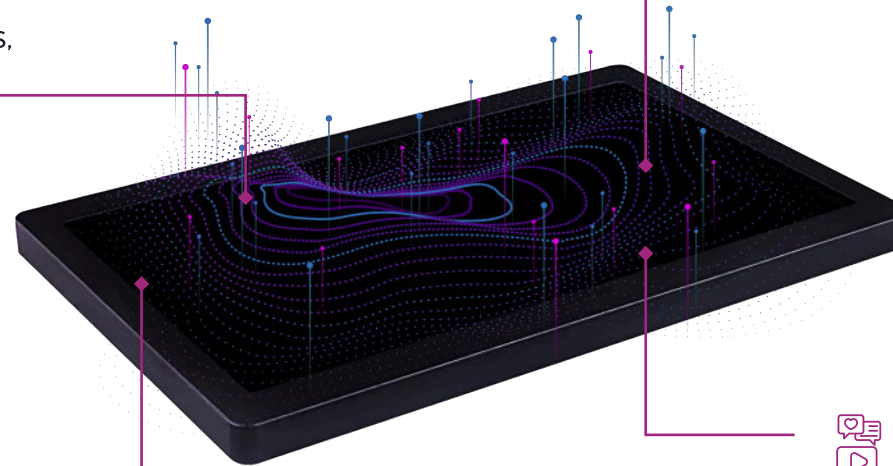
Telemetry & remote management

Monitor devices in real time, push updates, and run diagnostics from anywhere. Ensure operational efficiency and reduce service downtime.



Personalized content delivery

Enable targeted promotions, content, and loyalty journeys across screens – driven by contextual data and integrated platforms like ADvantage and coffee cApp™.



All your screens.
One connected ecosystem.



—Sustainability & quality

At N-and, sustainability isn't just a checkbox — it's built into our engineering philosophy. Every product we design reflects our commitment to quality, reliability, and long-term environmental responsibility.



Eco-Conscious Design

From paint removal to energy-efficient components, our devices are designed to reduce waste, extend lifecycle and minimize power consumption.



Long-Term Product Support

We guarantee product continuity for long-term projects, with post-purchase assistance and component consistency across your fleet.



Durable by Default

Rugged hardware and industrial-grade materials ensure long-lasting performance — reducing replacement cycles and electronic waste.



Certified Quality, Globally Compliant

N-and is ISO 9001:2015 and ISO 27001 certified, confirming our commitment to quality and continuous improvement. All products comply with CE, FCC, RoHS, and REACH standards.



Introducing NTX-Plus

The evolution of N-touch, next-generation of HMI touchscreen.

- 
- ✓ **Vivid visual performance**
Sharper, brighter, more dynamic interfaces.
 - ✓ **Scalable intelligence**
Flexible architecture that grows with your system.
 - ✓ **Always connected**
Broad industrial-grade connectivity.
 - ✓ **High-efficiency computing**
Power that adapts to every workload.



Industrial Connectivity

Bridging legacy systems and future networks with modern, rugged connections:

- ✓ Dual Gigabit Ethernet
- ✓ CAN bus + RS-485 + RS-232
- ✓ 24V DC power input (industrial-grade)
- ✓ Isolated USB 2.0 (data + power)



Performance & Scalability

Modular design that adapts to your performance needs:

- ✓ SMARC + Carrier board architecture
- ✓ Intel® Celeron® / i-Series CPUs
- ✓ Expandable RAM & SSD
- ✓ Triple video output (LVDS/eDP + 2x USB-C)



Software Flexibility

Designed for agile use, offering flexibility in software and integration:

- ✓ Compatible with containerized apps
- ✓ Remote updates and maintenance
- ✓ Internal USB ports for expansion
- ✓ RTC with backup battery



Display & Multimedia

All the power behind a richer, more immersive user experience:

- ✓ High brightness & improved contrast
- ✓ 3W stereo audio + mic input
- ✓ Wireless options (BLE, Wi-Fi, LTE)
- ✓ Designed for rich multimedia HMI experiences

Power at the core, built for what's next.

— HMI touchscreens that perform across industries

N-Touch panels deliver the performance and reliability that power seamless interactions — at every stage, in every environment.

Our panels power experiences across industries—from smart retail to manufacturing lines, bringing durability, responsiveness and intelligence wherever it's needed.



Retail & Automated Stores

N-touch interfaces deliver fast, vibrant, and intuitive interaction and an engaging customer experience.

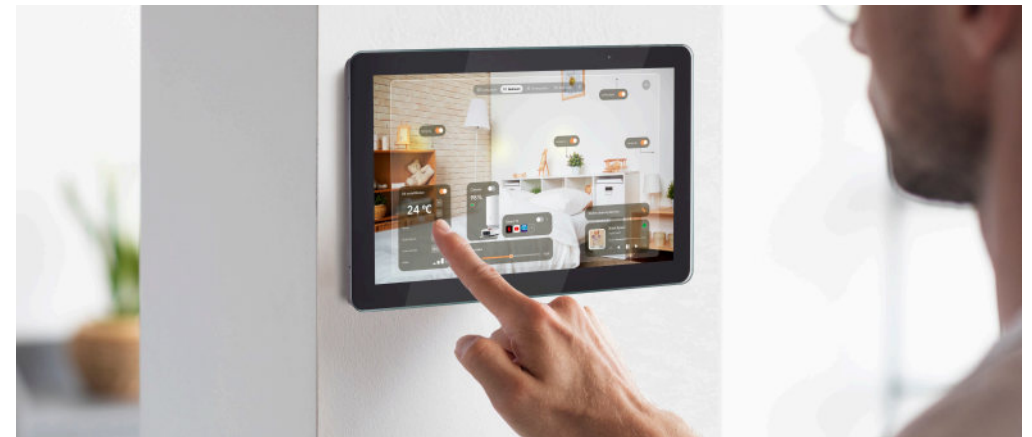
Ideal applications: **Smart vending machines** | **Self-checkout terminals** | **Digital product selectors** | **Kiosks**



Industrial & Automation

Built for control. Trusted in motion. From factory floors to operating rooms, our HMIs provide 24/7 performance, clean integration and precise input — all in a rugged format.

Ideal applications: **Machine control interfaces | Process visualization terminals | Diagnostic and service panels | Embedded IoT for OEM devices**



Smart Tech & Embedded Devices

Designed for integration. Built for modern living. Our slim, responsive HMIs bring control and clarity to next-gen products.

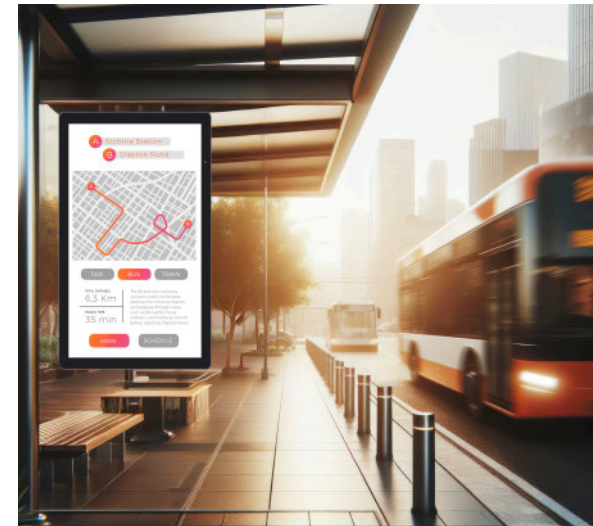
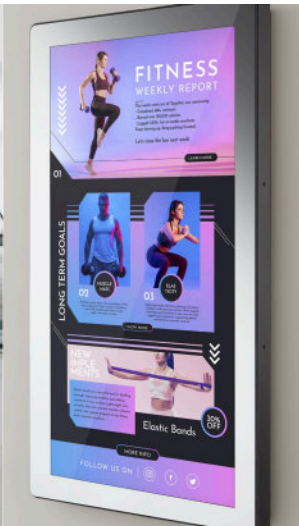
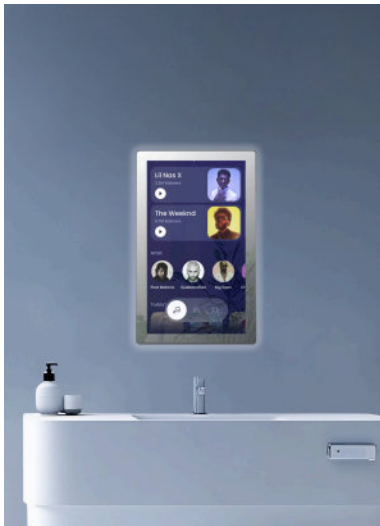
Ideal applications: **Fitness machine displays | Automotive infotainment | Control panels | Smart appliances | Compact embedded UIs for consumer electronics**

— Tailored to fit, designed to scale

No two projects are alike.
That's why our solutions are flexible by default,
engineered with modularity
and customization at their core.

- ✓ Tailored mechanical design
- ✓ Expandable I/O & connectivity
- ✓ Custom display options
- ✓ OS & firmware flexibility





— N-touch Edge HMI line

A versatile family of industrial-grade touch displays designed for control, automation and smart interfaces—ranging from compact panels to expansive screens. Engineered for smooth integration across indoor and outdoor environments, the series meet the needs of a wide range of industries.



NEW

8" 

NT08

Compact and agile, this 8-inch unit is tailored for space-saving installations like vending machines, access control, or embedded interfaces.



NEW

8" 

NP08

NP08 is a compact touch panel with integrated contactless functionality, enabling EMV-certified NFC payments directly on the device.



10" 

NT10 | NTX10-PLUS

A versatile 10-inch display, balancing performance and size—ideal for automation panels, retail checkouts, and industrial dashboards.



13.3" 

NT13.3 | NTX13.3-PLUS

Wider screen with elegant form, perfect for smart signage, building management systems, or interactive terminals.



15" 

NT15 | NTX15-PLUS

Reliable and robust, the 15-inch series is built for demanding environments—from factory floors to control rooms—delivering clarity and durability.



15" 

NTX15-OUTDOOR

Designed for outdoor use with enhanced glass and thermal resilience, ideal for kiosks, public info points and smart mobility hubs.



NEW

19" 

NPX19 Stretched

Can deliver promotional content and machine control simultaneously on a single display, maximizing space and enabling new monetization opportunities.



21" 

NT21 | NTX21-PLUS

A spacious 21-inch display made for data-intensive interfaces, supervisory control, and any scenario where screen real estate matters.



21" 

NTX21-MIRROR

Combines sleek aesthetics with interactivity—ideal for smart mirrors in retail, hospitality, or wellness environments.



21" 

NPX21 All-in-One

Combines touchscreen, EMV payments, and an AI Smart Camera in a single device, simplifying hardware while enabling user insights and personalized experiences to boost engagement.

NEW



32" 

NTX32-PLUS

A large-format multitouch display built for immersive experiences—perfect for digital signage, wayfinding, or collaborative kiosks.

Looking for a bespoke size?
Our engineering team can take care of this.

Contact us for:
sales@n-andgroup.com



Product Specifications



NT08

DIMENSIONS	SIZE & NET WEIGHT	203.6(H)X128(W)X22(D) -700 (g)
	CPU	NXP iMX8
CORES	P. THERMAL SINK	Thermal Sink – No Fan required
	RAM	4GB / 8GB
	ROM	32GB
	GRAPHIC	--
	OS	Linux YOCTO
	NETWORK	--
I/O INTERFACE	USB & INTERFACES	4*USB2.0
	SPEAKER OUTPUT	No
	MIC INPUT	No
	4G/LTE	Yes
	CAMERA	No
DISPLAY	SCREEN SIZE	8"
	RESOLUTION	800X1280
	BRIGHTNESS	320 nits
	LAMP/LED LIFE	20.000 h
	VIEWING ANGLE	N/A
TOUCH PANEL	LCD TYPE	TFT
	TYPE	5-point capacitive touch
GLASS	TYPE	3.2mm Safety
FRAME	TYPE	Aluminium Anodized Black
POWER	DC IN	24 VDC Power Supply Included
	BATTERY INDICATOR	No
	POWER UP	No Switch @PowerOn
CONDITIONS	OPERATING	--
	STORAGE	--



NP08

262(H)X128(W)X22(D) - 800 (g)	
NXP iMX8	
Thermal Sink – No Fan required	
4GB / 8GB	
8GB eMMC	
--	
Linux YOCTO	
--	
4*USB2.0	
No	
No	
Yes	
No	
8"	
800X1280	
320 nits	
20.000h	
N/A	
TFT	
5-point capacitive touch	
3.2mm Safety	
Aluminium Anodized Black	
24 VDC Power Supply Included	
No	
No Switch @PowerOn	
0~+35°C	
-20~+60°C	



NT10

252mm(H)*172mm(W)*40mm(D) - 1170 (g)	
RK3568 ARM quad-core ARM Cortex-A55	
Thermal Sink – No Fan required	
2GB DDR4	
8GB eMMC	
Arm Mali-G52 GPU - 2D hardware acceleration	
Linux YOCTO / Android	
2x GbE + Dual Wi-Fi + BLE 4.2	
2x USB, 1x CAN, 1x RS232, 1x RS485	
Speaker 1x 1W	
1x Analog MIC	
MPCIE + nano SIM (opt.)	
2592x1944 68°	
10.1"	
1920x1200	
400 nits	
30,000 h	
N/A	
N/A	
PCAP Multitouch	
4mm Tempered Safety Glass	
Aluminium	
12 VDC Power Supply Included	
RTC	
No Switch @PowerOn	
-20~+70°C	
-30~+80°C	



NTX10 Plus

DIMENSIONS	SIZE & NET WEIGHT	252mm(H)*172mm(W)*40mm(D)- 1170 (g)
	CPU	Intel Atom® x6413E/E3950/N100
CORES	P. THERMAL SINK	Thermal Sink – No Fan required
	RAM	4GB / 8GB
	ROM	32GB / 64GB eMMC
	GRAPHIC	Intel UHD (10th Gen)
	OS	Linux UBUNTU
I/O INTERFACE	NETWORK	Eth1000 + Dual Wi-Fi + BLE (M.2)
	USB & INTERFACES	1x USB 3.0, 2x USB 2.0, 1x USB-C (DP/PD), 4x USB3.0 Int, RS232, 12 GPIO, CAN/RS485
	SPEAKER OUTPUT	Speaker 1x 1W
	MIC INPUT	1x Analog MIC
	4G/LTE	MPCIE + nano SIM (opt.)
DISPLAY	CAMERA	2592x1944 68°
	SCREEN SIZE	10.1"
	RESOLUTION	1920x1200
	BRIGHTNESS	400 nits
	LAMP/LED LIFE	30,000 h
TOUCH PANEL	VIEWING ANGLE	N/A
	LCD TYPE	N/A
GLASS	TYPE	PCAP Multitouch
FRAME	TYPE	4mm Tempered Safety Glass
POWER	DC IN	Aluminium
	BATTERY INDICATOR	12 VDC Power Supply Included
	POWER UP	RTC
CONDITIONS	OPERATING	No Switch @PowerOn
	STORAGE	-20~+80°C
		-30~+85°C



NT13.3

319,4mm(H)*205mm(W)*32,2mm(D) - 1200 (g)	
RK3568 ARM quad-core ARM Cortex-A55	
Thermal Sink – No Fan required	
2GB DDR4	
8GB eMMC	
Arm Mali-G52 GPU - 2D hardware acceleration	
Linux YOCTO / Android	
2x GbE + Dual Wi-Fi + BLE 4.2	
2x USB, 1x CAN, 1x RS232, 1x RS485	
Speaker 2x 1W	
1x Analog MIC	
MPCIE + nano SIM (opt.)	
2592x1944 68°	
13.3"	
1920x1080	
400 nits	
30,000 h	
N/A	
N/A	
PCAP Multitouch	
1.1 mm Chem. Tempered Glass	
Aluminium	
12 VDC Power Supply Included	
RTC	
No Switch @PowerOn	
-20~+70°C	
-30~+80°C	



NTX13.3 Plus

319,4mm(H)*205mm(W)*32,2mm(D) - 1200 (g)	
Intel Atom x6413E/E3950/N100	
Thermal Sink – No Fan required	
4GB / 8GB	
32GB / 64GB eMMC	
Intel UHD (10th Gen)	
Linux UBUNTU	
Eth1000 + Dual Wi-Fi + BLE (M.2)	
1x USB 3.0, 2x USB 2.0, 1x USB-C (DP/PD), 4x USB3.0 Int, RS232, 12 GPIO, CAN/RS485	
Speaker 2x 1W	
1x Analog MIC	
MPCIE + nano SIM (opt.)	
2592x1944 68°	
13.3"	
1920x1080	
400 nits	
30,000 h	
N/A	
N/A	
PCAP Multitouch	
4mm Tempered Safety Glass	
Aluminium	
12 VDC Power Supply Included	
RTC	
No Switch @PowerOn	
-20~+80°C	
-30~+85°C	



NT15

DIMENSIONS	SIZE & NET WEIGHT	399mm(H)*246mm(W)*38.9mm(D) - 2600 (g)
CORES	CPU	RK3568 ARM quad-core ARM Cortex-A55
	P. THERMAL SINK	Thermal Sink – No Fan required
	RAM	2GB DDR4
	ROM	8GB eMMC
	GRAPHIC	Arm Mali-G52 GPU - 2D hardware acceleration
I/O INTERFACE	OS	Linux YOCTO / Android
	NETWORK	2x GbE + Dual Wi-Fi + BLE 4.2
	USB & INTERFACES	2x USB, 1x CAN, 1x RS232, 1x RS485
DISPLAY	SPEAKER OUTPUT	Speaker 2x 1W
	MIC INPUT	1x Analog MIC
	4G/LTE	MPCIE + nano SIM (opt.)
	CAMERA	2592x1944 68°
	SCREEN SIZE	15.6"
	RESOLUTION	1920x1080
	BRIGHTNESS	500 nits
TOUCH PANEL	LAMP/LED LIFE	50,000 h
	VIEWING ANGLE	N/A
GLASS	LCD TYPE	N/A
	TYPE	PCAP Multitouch
FRAME	TYPE	4mm Tempered Safety Glass with 45° edge cut
	TYPE	Aluminium
POWER	DC IN	12 VDC Power Supply Included
	BATTERY INDICATOR	RTC
	POWER UP	No Switch @PowerOn
CONDITIONS	OPERATING	-20~+70°C
	STORAGE	-30~+80°C



NTX15 Plus

DIMENSIONS	SIZE & NET WEIGHT	399mm(H)*246mm(W)*38.9mm(D) - 2600 (g)
CORES	CPU	Intel Atom x6413E/E3950/N100
	P. THERMAL SINK	Thermal Sink – No Fan required
	RAM	4GB / 8GB
	ROM	32GB / 64GB eMMC
	GRAPHIC	Intel UHD (10th Gen)
I/O INTERFACE	OS	Linux UBUNTU
	NETWORK	Eth1000 + Dual Wi-Fi + BLE (M.2)
	USB & INTERFACES	1x USB3.0, 2x USB2.0, 1x USB-C (DP/PD), 4x USB3.0 Int, RS232, 12 GPIO, CAN/RS485
DISPLAY	SPEAKER OUTPUT	Speaker 2W (R/L)
	MIC INPUT	1x Analog MIC
	4G/LTE	MPCIE + nano SIM (opt.)
	CAMERA	2592x1944 68°
	SCREEN SIZE	15.6"
	RESOLUTION	1920x1080
	BRIGHTNESS	500 nits
TOUCH PANEL	LAMP/LED LIFE	50,000 h
	VIEWING ANGLE	N/A
GLASS	LCD TYPE	N/A
	TYPE	PCAP Multitouch
FRAME	TYPE	4mm Tempered Safety Glass
	TYPE	Aluminium
POWER	DC IN	12 VDC Power Supply Included
	BATTERY INDICATOR	RTC
	POWER UP	No Switch @PowerOn
CONDITIONS	OPERATING	-20~+80°C
	STORAGE	-30~+85°C



NTX15 Outdoor

DIMENSIONS	SIZE & NET WEIGHT	399mm(H)*246mm(W)*38.9mm(D) - 2800 (g)
CORES	CPU	Intel Atom x6413E/E3950/N100
	P. THERMAL SINK	Thermal Sink – No Fan required
	RAM	4GB / 8GB
	ROM	32GB / 64GB eMMC
	GRAPHIC	Intel UHD (10th Gen)
I/O INTERFACE	OS	Linux UBUNTU
	NETWORK	Eth1000 + Dual Wi-Fi + BLE (M.2)
	USB & INTERFACES	1x USB3.0, 2x USB2.0, 1x USBâ€C (DP/PD), 4x USB3.0 Int, RS232, 12 GPIO, CAN/RS485
DISPLAY	SPEAKER OUTPUT	Speaker 2x 1W
	MIC INPUT	1x Analog MIC
	4G/LTE	MPCIE + nano SIM (opt.)
	CAMERA	2592x1944 68°
	SCREEN SIZE	15.6"
	RESOLUTION	1920x1080
	BRIGHTNESS	1000 nits
TOUCH PANEL	LAMP/LED LIFE	30,000 h
	VIEWING ANGLE	89/89/89/89
GLASS	LCD TYPE	N/A
	TYPE	PCAP Multitouch
FRAME	TYPE	4MM+4MM AR Laminated Heat Insulated Glass
	TYPE	Aluminium
POWER	DC IN	12 VDC Power Supply Included
	BATTERY INDICATOR	RTC
	POWER UP	No Switch @PowerOn
CONDITIONS	OPERATING	-20~+80°C
	STORAGE	-30~+85°C



NPX19 Stretched

DIMENSIONS	SIZE & NET WEIGHT	600mm(H)*132.6mm(W)*21.6mm(D)
	CPU	n-ViPi RK3576 MINIPC 4GB 32GB
CORES	P. THERMAL SINK	Thermal Sink – No Fan required
	RAM	4GB
	ROM	32GB
	GRAPHIC	--
	OS	Linux UBUNTU
	NETWORK	--
I/O INTERFACE	USB & INTERFACES	4*USB2.0, 1*HDMI (Type-A), 1USB-C
	SPEAKER OUTPUT	No
	MIC INPUT	No
	4G/LTE	Yes
	CAMERA	No
DISPLAY	SCREEN SIZE	19"
	RESOLUTION	1920x360
	BRIGHTNESS	300 nits
	LAMP/LED LIFE	30,000 h
	VIEWING ANGLE	N/A
TOUCH PANEL	LCD TYPE	TFT
	TYPE	PCAP Multitouch
GLASS	TYPE	1.8 SAFETY
FRAME	TYPE	Aluminium Anodized Black
POWER	DC IN	12 VDC Power Supply Included
	BATTERY INDICATOR	RTC
	POWER UP	No Switch @PowerOn
CONDITIONS	OPERATING	--
	STORAGE	--



NT21

534(H)*332mm(W)*43,7mm(D) - 7000 (g)
RK3568 ARM quad-core ARM Cortex-A55
Thermal Sink – No Fan required
2GB DDR4
8GB eMMC
Arm Mali-G52 GPU - 2D hardware acceleration
Linux YOCTO / Android
2x GbE + Dual Wi-Fi + BLE 4.2
2x USB, 1x CAN, 1x RS232, 1x RS485
Speaker 2x 1W
1x Analog MIC
MPCIE + nano SIM (opt.)
N/A
21.5"
1920x1080
300 nits
30,000 h
N/A
N/A
PCAP Multitouch
4mm Tempered Safety Glass
Aluminium
12 VDC Power Supply Included
RTC
No Switch @PowerOn
-20~+70°C
-30~+80°C



NTX21 Plus

534(H)*332mm(W)*43,7mm(D) - 7000 (g)
Intel Atom x6413E/E3950/N100
Thermal Sink – No Fan required
4GB / 8GB
32GB / 64GB eMMC
Intel UHD (10th Gen)
Linux UBUNTU
Eth1000 + Dual Wi-Fi + BLE (M.2)
1x USB 3.0, 2x USB 2.0, 1x USB-C (DP/PD), 4x USB3.0 Int, RS232, 12 GPIO, CAN/RS485
Speaker 2x 1W
1x Analog MIC
MPCIE + nano SIM (opt.)
N/A
21.5"
1920x1080
250 nits
30,000 h
N/A
N/A
PCAP Multitouch
4mm Tempered Safety Glass
Aluminium
12 VDC Power Supply Included
RTC
No Switch @PowerOn
-20~+80°C
-30~+85°C



NTX21 Mirror

DIMENSIONS	SIZE & NET WEIGHT	534(H)*332mm(W)*43,7mm(D) - 7000 (g)
CORES	CPU	Intel Atom x6413E/E3950/N100
	P. THERMAL SINK	Thermal Sink – No Fan required
	RAM	4GB / 8GB
	ROM	32GB / 64GB eMMC
	GRAPHIC	Intel UHD (10th Gen)
I/O INTERFACE	OS	Linux UBUNTU
	NETWORK	Eth1000 + Dual Wi-Fi + BLE (M.2)
	USB & INTERFACES	1x USB 3.0, 2x USB 2.0, 1x USB-C (DP/PD), 4x USB3.0 Int, RS232, 12 GPIO, CAN/RS485
	SPEAKER OUTPUT	Speaker 2x 1W
	MIC INPUT	1x Analog MIC
DISPLAY	4G/LTE	MPCIe + nano SIM (opt.)
	CAMERA	N/A
	SCREEN SIZE	21.5"
	RESOLUTION	1920x1080
	BRIGHTNESS	250 nits
TOUCH PANEL	LAMP/LED LIFE	30,000 h
	VIEWING ANGLE	N/A
	LCD TYPE	N/A
GLASS	TYPE	PCAP Multitouch
FRAME	TYPE	4mm Tempered Mirror Glass
POWER	TYPE	Aluminium
	DC IN	12 VDC Power Supply Included
	BATTERY INDICATOR	RTC
CONDITIONS	POWER UP	No Switch @PowerOn
	OPERATING	-20~+80°C
	STORAGE	-30~+85°C



NPX21 All-in-One

596.5(H)X329(W)X25(D)
Intel Atom x6413E/E3950/N100
Thermal Sink – No Fan required
4GB / 8GB
32GB / 64GB eMMC
Intel UHD (10th Gen)
Linux UBUNTU
Eth1000 + Dual Wi-Fi + BLE (M.2)
1x USB 3.0, 2x USB 2.0, 1x USB-C (DP/PD), 4x USB3.0 Int, RS232, 12 GPIO, CAN/RS485
Speaker 2X 4OHM 2W
No
Yes
Yes
21.5"
1920x1080
250 nits
50.000h
N/A
TFT
PCAP Multitouch
4mm Tempered Safety Glass
Aluminium Anodized Black
12-24 VDC Power Supply Included
RTC
No Switch @PowerOn
--
--



NTX32 Plus

787(H)*482mm(W)*62,85mm(D) - 14700 (g)
Intel Atom x6413E/E3950/N100
Thermal Sink – No Fan required
4GB / 8GB
32GB / 64GB eMMC
Intel UHD (10th Gen)
Linux UBUNTU
Eth1000 + Dual Wi-Fi + BLE (M.2)
1x USB 3.0, 2x USB 2.0, 1x USB-C (DP/PD), 4x USB3.0 Int, RS232, 12 GPIO, CAN/RS485
Speaker 2x 1W
1x Analog MIC
MPCIe + nano SIM (opt.)
N/A
31.5"
1920x1080
500 nits
50,000 h
N/A
N/A
PCAP Multitouch
4mm Tempered Safety Glass
Aluminium
24 VDC Power Supply Included
RTC
No Switch @PowerOn
-20~+80°C
-30~+85°C

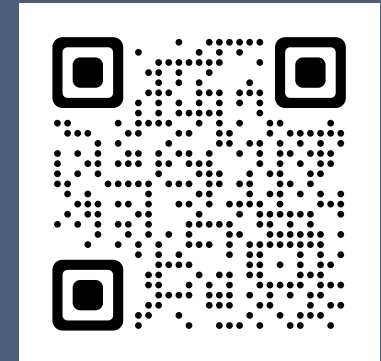


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📍 Bristol and Bath Science Park,
Dirac Crescent, Emersons Green,
BS16 7FR Bristol.



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