



# Edge

Maximum power, versatility and great multimedia performances.

## High definition up to 4K

Edge supports high-definition content, such as 3D and video applications with resolutions up to 4K Ultra HD, thanks to the Intel HD Graphics 400 card and the Intel Celeron N3160 Quad Core 1.6GHz processor.

## Multitasking: 3 displays support and 7 USB ports

The perfect device for users working in multi-monitor and multitasking environments: Edge supports 1 HDMI video output and 2 DP outputs, with 3 monitors management on devices with Windows O.S. and 7 USB ports (5 USB 2.0 and 2 USB 3.0)

## Innovative design and touch power control

New design with integrated footstand with 2 USB ports and new power button with touch technology for greater reliability and durability.

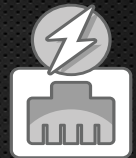
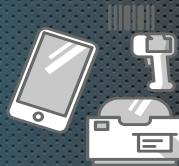
## PoE power supply

Edge consumes only 5W: an ecological solution for reduced energy costs. Thanks to the Power over Ethernet (PoE) option you can use your device even without electrical power.

## Certifications

- Citrix Ready
- VMware Ready

Model	E91-HDX	N91-RFX	E91-HOR	E9154	E9114	E9119	E1104
Type	Zero Client	Zero Client	Zero Client	Thin Client	Thin Client	Thin Client	No O.S.
Processor / Chipset	Intel Celeron N3160 Quad-Core 1.6GHz up to 2.24GHz (burst frequency)						
Power supply	External 100/240VAC 50/60Hz, 36W, DC 12V/3A						
Power consumption: On / Stand-by	5 W/0.3 W standard, 6 W/0.3 W with Wi-Fi						
Device dimension / weight	With footstand hide 50 (W) x 193 (H) x 149 (D) / 1.0 Kg With footstand expansion 89 (W) x 193 (H) x 149 (D) / 1.0 Kg						
Packaging dimension / weight	85 (W) x 303 (H) x 295 (D) / 2.0 Kg						
Device / Power supply certifications	CE, FCC Class B, Energy Star 6.1 compliant, EuP-ErP 2013 / CE, FCC Class B, GS TUV,UL						
Operational temperature / Humidity	0°C ÷ 35°C / 20% ÷ 80% non-condensing						
Security lock	Kensington						
Maximum display resolution	3840 x 2160 @ 30Hz / 2560 x 1600 @ 60Hz (2 monitors at 4K UHD) 3 monitors support						
Display ratio	DDC 4:3, 16:10 WIDE						
Display data control	Intel HD Graphics 400						
Built-in speaker	Built-in 2 W speaker						
Operating system	ThinOX V11	ThinOX V11	ThinOX V11	ThinOX V11	WIN 10 IoT 2016 LTSC	WIN 10 IoT 2019 LTSC	No O.S.
RAM memory / Flash memory	2GB / 8GB	2GB / 8GB	2GB / 8GB	2GB / 8GB	4GB/64GB	4GB/64GB	2GB / -
<b>Input / Output</b>							
USB ports	5 USB 2.0 (2 rear +1 front + 2 stand )+ 2 USB 3.0 front						
Monitor	2 DP + 1 HDMI						
Audio - Mic In	1 x 1/8 inch jack						
Audio - Line Out	1 x 1/8 inch jack						
<b>Networking</b>							
RJ45 10/100/1000 Base T Ethernet	✓	✓	✓	✓	✓	✓	✓
<b>Mounting</b>							
Rear monitor mounting with VESA kit	✓	✓	✓	✓	✓	✓	✓



Packaging included							
Power cord	✓	✓	✓	✓	✓	✓	✓
USB optical mouse	✓	✓	✓	✓	✓	✓	✓
Available factory options							
Wi-Fi antenna configuration	1 external + 1 internal						
Built-in 802.11ac wireless / Bluetooth	Factory option						
RAM memory expansion	Up to 8 GB	Up to 8 GB	Up to 8 GB	Up to 8 GB	Up to 8 GB	Up to 8 GB	Up to 8 GB
Add-on Praim MediaStream Codecs	Add-on	Add-on	Add-on	Add-on	-	-	-
Power over Ethernet (CLASS 4)	Factory option						
TPM modul	Factory option						
Firmware	E91-HDX	N91-RFX	E91-HOR	E9154	E9114	E9119	E1104
Firmware Version	ThinOX v 11	ThinOX v 11	ThinOX v 11	ThinOX v 11	WIN 10 IoT 16	WIN 10 IoT 19	No O.S.
Architecture	x86	x86	x86	x86	x86	x86	-
System type	64 bit	64 bit	64 bit	64 bit	64 bit	64 bit	-
Version	11.0.9	11.0.9	11.0.9	11.0.9	2.4.0	3.2.0	-
Size	556 MB	496 MB	530 MB	634 MB	~16 GB	~16 GB	-
Quick boot	-	-	-	-	✓	✓	-
UEFI O.S.	-	-	-	-	✓	✓	-
UEFI boot	-	-	-	-	✓	✓	-
UEFI specification revision	-	-	-	-	2.40	2.40	-
Supported protocols							
TCP/IP, DNS, DHCP, SNMP MIB II	✓	✓	✓	✓	✓	✓	-
SSH	✓	✓	✓	✓	-	-	-
802.1X Ethernet EAP/PEAP	✓	✓	✓	✓	✓	✓	-
MSCHAPV2	✓	✓	✓	✓	✓	✓	-
Concurrent connections	1	1	1	Multiple	Multiple	Multiple	-
Citrix							
Citrix Workspace App	✓	-	-	✓	✓	✓	-
HDX RealTime Opt. Pack - Supported	From 2.4 to 2.8	-	-	From 2.4 to 2.8	From 2.4 to 2.8	From 2.4 to 2.8	-
HDX RealTime Opt. Pack - Preinstal.	2.8	-	-	Add-on	Add-on	Add-on	-
Citrix H.264 Enhanced Supercoded	✓	-	-	✓	✓	✓	-
VMware							
VMware Horizon Client	-	-	✓	✓	✓	✓	-
RDP	-	-	✓	✓	✓	✓	-
PCoIP	-	-	✓	✓	✓	✓	-
VMware Blast Extreme	-	-	✓	✓	✓	✓	-
Microsoft							
RDP	-	Free RDP	-	Free RDP	MS Client	MS Client	-
Supported RDP protocols	-	7.1 / 8.1	-	7.1 / 8.1	10.2	10.6	-
Microsoft RemoteFX	-	✓	-	✓	✓	✓	-
Installed applications							
Local Browser	-	-	-	✓	✓	✓	-
Local PDF Viewer	-	-	-	✓	-	-	-
JVM / JRE	-	-	-	✓	-	-	-
Flash player	-	-	-	✓	✓	✓	-
Shell Script	-	-	-	Bash	Power Shell	Power Shell	-
IBM i Access Client	-	-	-	✓	-	-	-
Smart Card support	-	-	-	✓	-	-	-
Praim Agile	-	-	-	-	✓	✓	-
Putty VT/ASCII emulation	-	-	-	✓	-	-	-
Printing							
Printer support	✓	✓	✓	✓	-	-	-
VPN							
Cisco / SonicWall / OpenVPN / Fortinet	✓	✓	✓	✓	-	-	-
Add on							
SafeNet Etoken Pro	✓	✓	✓	✓	-	-	-
Imprivata One Sign No Click Access agent	✓	✓	✓	✓	-	-	-
Caradigm	✓	✓	✓	✓	-	-	-
OCS Inventory	✓	✓	✓	✓	-	-	-
Warranty							
Hardware warranty - On Center	3 years						
Warranty	Up to 5 years						
Hardware warranty extension	Up to 5 years						