

H Series

Maximum protection for the industrial series Thin Client



High performance and dual monitor support

The Intel Atom E3845 Quad-Core 1.91 GHz processor ensures high performance and thanks to HDMI & VGA outputs you can manage dual monitor workstations.

Protection against dust and high temperatures

H Series can operate at temperatures between -5°C and +50°C, the aluminium chassis guarantees increased heat dissipation and is designed to protect against dust according to the certified IP40 protection standard.

Extreme connectivity

It installs a dual Gigabit LAN card to ensure greater connection reliability. Units can also be equipped with additional connectivity such as an external dual antenna 802.11ac Wi-Fi card, 3G, LTE and GPS modules.

VESA / Rackable mount

H Series can be installed via a VESA bracket on the back of a display or installed in standard racks with a special DIN rail kit.

Certifications

- Citrix Ready
- VMware Ready

Model	H9154	H9114	H9119	H1104
Type	Thin Client	Thin Client	Thin Client	No O.S.
Processor / Chipset	Intel Atom E3845 Quad Core 1.91 GHz			
Power supply	External 100/240VAC 50/60Hz, 60W, DC 12V/5A			
Power consumption: On / Stand-by	5 W/0.3 W standard, 6 W/0.3 W with Wi-Fi			
Device dimension / Weight	182.2 (W) x 54.2 (H) x 159.5 (D) including chassis foot cover / 1.3 Kg			
Packaging dimension / Weight	85 (W) x 303 (H) x 295 (D) / 2.3 Kg			
Device / Power supply certifications	CE, FCC Class B, Energy Star 6.1 compliant, EuP-ErP 2013, LVD / CE, FCC Class B, GS TUV,UL			
International Protection Marking	IP 40			
Operational temperature range / humidity	-5°C ÷ 50°C / 20% ÷ 80% non-condensing			
Maximum display resolution	Up to 2560 x 1600			
Display ratio	DDC 4:3, 16:10 WIDE			
Display data control	Intel Gen 7			
Operating system	ThinOX V11	WIN 10 IoT 2016 LTSC	WIN 10 IoT 2019 LTSC	No O.S.
RAM memory / Flash memory	2GB / 8GB	4GB/64GB	4GB/64GB	2GB / -
Input / Output				
USB ports	3 USB 2.0 front + 1 USB 3.0 front			
Monitor video OUT	1 VGA + 1 HDMI			
Audio - Mic In	1 x 1/8 inch jack			
Audio - Line Out	1 x 1/8 inch jack			
Serial ports	2 COM			
Networking				
RJ45 10/100/1000 Base T Ethernet	2 x RJ45			
Mounting				
Horizontal stand	✓	✓	✓	✓
Rear monitor mounting with VESA kit	✓	✓	✓	✓
DIN-Rail mounting kit	✓	✓	✓	✓
Packaging included				
Power cord	✓	✓	✓	✓
USB optical mouse	✓	✓	✓	✓



Available factory options				
Wi-Fi antenna configuration	2 external			
Built-in 802.11ac wireless / Bluetooth	Factory option			
3G, 3G/LTE, LTE+GPS modules, SD reader, SIM slot	Optional			
Additional serial ports (COM)	2 COM Optional			
RAM memory expansion	Up to 8GB			
Add-on Praim MediaStream Codecs	Add-on	-	-	-
Firmware	H9154	H9114	H9119	H1104
Firmware Version	ThinOX v 11	WIN 10 IoT 16	WIN 10 IoT 19	-
Architecture	x86	x86	x86	-
System type	64 bit	64 bit	64 bit	-
Version	11.0.9	2.4.0	3.2.0	-
Size	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	✓	✓	✓	-
Protocols clients				
Concurrent connections	Multiple	Multiple	Multiple	-
Citrix				
Citrix Workspace App	✓	✓	✓	-
HDX RealTime Optimization Pack - Supported	From 2.4 to 2.8	From 2.4 to 2.8	From 2.4 to 2.8	-
HDX RealTime Optimization Pack - Preinstalled	Add-on	Add-on	Add-on	-
Citrix H.264 Enhanced Supercoded	✓	✓	✓	-
VMware				
VMware Horizon Client	✓	✓	✓	-
RDP	✓	✓	✓	-
PCoIP	✓	✓	✓	-
VMware Blast Extreme	✓	✓	✓	-
Microsoft				
RDP	Free RDP	MS Client	MS Client	-
Supported RDP protocols	7.1 / 8.1	10.2	10.6	-
Microsoft RemoteFX	✓	✓	✓	-
Installed applications				
Local Browser, Flash Player	✓	✓	✓	-
Local PDF Viewer	✓	-	-	-
JVM / JRE	✓	-	-	-
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 Warranty	3 years			
Hardware warranty extension	Up to 5 years			